284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:									
				0					

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-03	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	89.9
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	4.40	U	1	1.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
74-87-3	Chloromethane	2.80	U	1	1.30	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-01-4	Vinyl Chloride	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
74-83-9	Bromomethane	4.40	U	1	1.20	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
75-00-3	Chloroethane	2.80	U	1	1.40	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-69-4	Trichlorofluoromethane	4.40	U	1	1.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.80	U	1	1.20	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-35-4	1,1-Dichloroethene	2.80	U	1	1.10	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
67-64-1	Acetone	22.2	U	1	5.30	22.2	27.8	ug/Kg	10/21/25 14:59	VY102125
75-15-0	Carbon Disulfide	4.40	U	1	1.20	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
1634-04-4	Methyl tert-butyl Ether	2.80	U	1	0.81	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-20-9	Methyl Acetate	4.40	U	1	1.70	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
75-09-2	Methylene Chloride	8.90	U	1	3.90	8.90	11.1	ug/Kg	10/21/25 14:59	VY102125
156-60-5	trans-1,2-Dichloroethene	2.80	U	1	0.96	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-34-3	1,1-Dichloroethane	2.80	U	1	0.89	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
110-82-7	Cyclohexane	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
78-93-3	2-Butanone	22.2	U	1	7.30	22.2	27.8	ug/Kg	10/21/25 14:59	VY102125
56-23-5	Carbon Tetrachloride	2.80	U	1	1.10	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
156-59-2	cis-1,2-Dichloroethene	2.80	U	1	0.83	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
74-97-5	Bromochloromethane	4.40	U	1	1.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
67-66-3	Chloroform	4.40	U	1	0.93	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
71-55-6	1,1,1-Trichloroethane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
108-87-2	Methylcyclohexane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
71-43-2	Benzene	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
107-06-2	1,2-Dichloroethane	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-01-6	Trichloroethene	2.80	U	1	0.90	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
78-87-5	1,2-Dichloropropane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-27-4	Bromodichloromethane	2.80	U	1	0.87	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
108-10-1	4-Methyl-2-Pentanone	13.9	U	1	4.00	13.9	27.8	ug/Kg	10/21/25 14:59	VY102125
108-88-3	Toluene	2.80	U	1	0.87	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
10061-02-6	t-1,3-Dichloropropene	2.80	U	1	0.72	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
10061-01-5	cis-1,3-Dichloropropene	2.80	U	1	0.69	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-00-5	1,1,2-Trichloroethane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
591-78-6	2-Hexanone	13.9	U	1	4.10	13.9	27.8	ug/Kg	10/21/25 14:59	VY102125
124-48-1	Dibromochloromethane	2.80	U	1	0.97	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
106-93-4	1,2-Dibromoethane	2.80	U	1	0.98	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
127-18-4	Tetrachloroethene	2.80	U	1	1.20	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
108-90-7	Chlorobenzene	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
100-41-4	Ethyl Benzene	2.80	U	1	0.75	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
179601-23-1	m/p-Xylenes	5.60	U	1	1.40	5.60	11.1	ug/Kg	10/21/25 14:59	VY102125
95-47-6	o-Xylene	2.80	U	1	0.91	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
100-42-5	Styrene	2.80	U	1	0.79	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-25-2	Bromoform	2.80	U	1	0.96	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125

Raw Data: **VY023534.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-03	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	89.9
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.80	U	1	0.87	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	2.80	U	1	1.30	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
541-73-1	1,3-Dichlorobenzene	2.80	U	1	1.90	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
106-46-7	1,4-Dichlorobenzene	2.80	U	1	1.70	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
95-50-1	1,2-Dichlorobenzene	2.80	U	1	1.60	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	4.40	U	1	2.00	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
120-82-1	1,2,4-Trichlorobenzene	4.40	U	1	3.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
87-61-6	1,2,3-Trichlorobenzene	4.40	U	1	3.50	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.1			71 - 136		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			78 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	49.4			85 - 116		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.8			79 - 119		86%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	803000								
540-36-3	1,4-Difluorobenzene	1300000								
3114-55-4	Chlorobenzene-d5	1100000								
3855-82-1	1,4-Dichlorobenzene-d4	458000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3399-03	COMP-ROLLOFF	1,2-Dichloroethane-d4	50	50.1	100		71	136
		Dibromofluoromethane	50	51.1	102		78	119
		Toluene-d8	50	49.4	99		85	116
		4-Bromofluorobenzene	50	42.8	86		79	119
VY1021SBL01	VY1021SBL01	1,2-Dichloroethane-d4	50	46.0	92		71	136
		Dibromofluoromethane	50	49.7	99		78	119
		Toluene-d8	50	48.1	96		85	116
		4-Bromofluorobenzene	50	36.4	73	*	79	119
VY1021SBS01	VY1021SBS01	1,2-Dichloroethane-d4	50	46.9	94		71	136
		Dibromofluoromethane	50	50.9	102		78	119
		Toluene-d8	50	51.3	103		85	116
		4-Bromofluorobenzene	50	49.9	100		79	119
VY1021SBSD01	VY1021SBSD01	1,2-Dichloroethane-d4	50	45.6	91		71	136
		Dibromofluoromethane	50	49.6	99		78	119
		Toluene-d8	50	49.7	99		85	116
		4-Bromofluorobenzene	50	47.6	95		79	119

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023523.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			29	149	
	Chloromethane	20	19.5	ug/Kg	98			50	136	
	Vinyl chloride	20	20.2	ug/Kg	101			56	135	
	Bromomethane	20	21.5	ug/Kg	108			53	143	
	Chloroethane	20	21.2	ug/Kg	106			59	139	
	Trichlorofluoromethane	20	20.4	ug/Kg	102			62	140	
	1,1,2-Trichlorotrifluoroethane	20	21.1	ug/Kg	106			66	136	
	1,1-Dichloroethene	20	20.2	ug/Kg	101			70	131	
	Acetone	100	120	ug/Kg	120			36	164	
	Carbon disulfide	20	20.2	ug/Kg	101			63	132	
	Methyl tert-butyl Ether	20	18.0	ug/Kg	90			73	125	
	Methyl Acetate	20	15.9	ug/Kg	79			53	144	
	Methylene Chloride	20	19.0	ug/Kg	95			70	128	
	trans-1,2-Dichloroethene	20	21.0	ug/Kg	105			74	125	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			76	125	
	Cyclohexane	20	18.8	ug/Kg	94			67	131	
	2-Butanone	100	100	ug/Kg	100			51	148	
	Carbon Tetrachloride	20	21.7	ug/Kg	109			70	135	
	cis-1,2-Dichloroethene	20	20.7	ug/Kg	104			77	123	
	Bromochloromethane	20	19.7	ug/Kg	99			78	125	
	Chloroform	20	21.5	ug/Kg	108			78	123	
	1,1,1-Trichloroethane	20	21.1	ug/Kg	106			73	130	
	Methylcyclohexane	20	19.8	ug/Kg	99			66	133	
	Benzene	20	21.6	ug/Kg	108			77	121	
	1,2-Dichloroethane	20	20.0	ug/Kg	100			73	128	
	Trichloroethene	20	21.9	ug/Kg	110			77	123	
	1,2-Dichloropropane	20	21.5	ug/Kg	108			76	123	
	Bromodichloromethane	20	21.3	ug/Kg	106			75	127	
	4-Methyl-2-Pentanone	100	86.7	ug/Kg	87			65	135	
	Toluene	20	21.9	ug/Kg	110			77	121	
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100			71	130	
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104			74	126	
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105			78	121	
	2-Hexanone	100	95.9	ug/Kg	96			53	145	
	Dibromochloromethane	20	20.8	ug/Kg	104			74	126	
	1,2-Dibromoethane	20	20.1	ug/Kg	101			78	122	
	Tetrachloroethene	20	22.0	ug/Kg	110			73	128	
	Chlorobenzene	20	21.2	ug/Kg	106			79	120	
	Ethyl Benzene	20	21.0	ug/Kg	105			76	122	
	m/p-Xylenes	40	43.1	ug/Kg	108			77	124	
	o-Xylene	20	20.6	ug/Kg	103			77	123	
	Styrene	20	21.0	ug/Kg	105			76	124	
	Bromoform	20	19.5	ug/Kg	98			67	132	
	Isopropylbenzene	20	20.3	ug/Kg	102			68	134	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/Kg	91			70	124	
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104			77	121	
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103			75	120	
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103			78	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023523.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBS01	1,2-Dibromo-3-Chloropropane	20	17.0	ug/Kg	85			61	132	
	1,2,4-Trichlorobenzene	20	18.0	ug/Kg	90			67	129	
	1,2,3-Trichlorobenzene	20	18.1	ug/Kg	91			66	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023524.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBSD01	Dichlorodifluoromethane	20	20.9	ug/Kg	104	2		29	149	20
	Chloromethane	20	19.3	ug/Kg	97	1		50	136	20
	Vinyl chloride	20	20.0	ug/Kg	100	1		56	135	20
	Bromomethane	20	20.7	ug/Kg	104	4		53	143	20
	Chloroethane	20	21.4	ug/Kg	107	1		59	139	20
	Trichlorofluoromethane	20	20.6	ug/Kg	103	1		62	140	20
	1,1,2-Trichlorotrifluoroethane	20	20.7	ug/Kg	104	2		66	136	20
	1,1-Dichloroethene	20	20.6	ug/Kg	103	2		70	131	20
	Acetone	100	120	ug/Kg	120	0		36	164	20
	Carbon disulfide	20	19.7	ug/Kg	99	2		63	132	20
	Methyl tert-butyl Ether	20	18.2	ug/Kg	91	1		73	125	20
	Methyl Acetate	20	15.6	ug/Kg	78	1		53	144	20
	Methylene Chloride	20	18.9	ug/Kg	95	0		70	128	20
	trans-1,2-Dichloroethene	20	20.6	ug/Kg	103	2		74	125	20
	1,1-Dichloroethane	20	20.6	ug/Kg	103	0		76	125	20
	Cyclohexane	20	18.6	ug/Kg	93	1		67	131	20
	2-Butanone	100	100	ug/Kg	100	0		51	148	20
	Carbon Tetrachloride	20	21.0	ug/Kg	105	4		70	135	20
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103	1		77	123	20
	Bromochloromethane	20	19.6	ug/Kg	98	1		78	125	20
	Chloroform	20	21.0	ug/Kg	105	3		78	123	20
	1,1,1-Trichloroethane	20	20.8	ug/Kg	104	2		73	130	20
	Methylcyclohexane	20	19.5	ug/Kg	98	1		66	133	20
	Benzene	20	21.6	ug/Kg	108	0		77	121	20
	1,2-Dichloroethane	20	20.0	ug/Kg	100	0		73	128	20
	Trichloroethene	20	21.2	ug/Kg	106	4		77	123	20
	1,2-Dichloropropane	20	20.7	ug/Kg	104	4		76	123	20
	Bromodichloromethane	20	21.2	ug/Kg	106	0		75	127	20
	4-Methyl-2-Pentanone	100	86.8	ug/Kg	87	0		65	135	20
	Toluene	20	21.4	ug/Kg	107	3		77	121	20
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98	2		71	130	20
	cis-1,3-Dichloropropene	20	20.2	ug/Kg	101	3		74	126	20
	1,1,2-Trichloroethane	20	20.2	ug/Kg	101	4		78	121	20
	2-Hexanone	100	96.5	ug/Kg	97	1		53	145	20
	Dibromochloromethane	20	20.5	ug/Kg	103	1		74	126	20
	1,2-Dibromoethane	20	20.2	ug/Kg	101	0		78	122	20
	Tetrachloroethene	20	22.1	ug/Kg	111	1		73	128	20
	Chlorobenzene	20	21.2	ug/Kg	106	0		79	120	20
	Ethyl Benzene	20	20.8	ug/Kg	104	1		76	122	20
	m/p-Xylenes	40	42.7	ug/Kg	107	1		77	124	20
	o-Xylene	20	20.7	ug/Kg	104	1		77	123	20
	Styrene	20	20.5	ug/Kg	103	2		76	124	20
	Bromoform	20	19.6	ug/Kg	98	0		67	132	20
	Isopropylbenzene	20	20.3	ug/Kg	102	0		68	134	20
	1,1,2,2-Tetrachloroethane	20	18.8	ug/Kg	94	3		70	124	20
	1,3-Dichlorobenzene	20	20.8	ug/Kg	104	0		77	121	20
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103	0		75	120	20
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103	0		78	121	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023524.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBSD01	1,2-Dibromo-3-Chloropropane	20	17.3	ug/Kg	86	1		61	132	20
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96	6		67	129	20
	1,2,3-Trichlorobenzene	20	18.8	ug/Kg	94	3		66	130	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1021SBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VY023522.D Lab Sample ID: VY1021SBL01

Date Analyzed: 10/21/2025 Time Analyzed: 09:34

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1021SBS01	VY1021SBS01	VY023523.D	10/21/2025
VY1021SBSD01	VY1021SBSD01	VY023524.D	10/21/2025
COMP-ROLLOFF	Q3399-03	VY023534.D	10/21/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VY023383.D | BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:43

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VY023520.D | BFB Injection Date: 10/21/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:29

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.3 (1.4) 1
174	50.0 - 100.0% of mass 95	94.7
175	5.0 - 9.0% of mass 174	6.8 (7.1) 1
176	95.0 - 101.0% of mass 174	92.5 (97.7) 1
177	5.0 - 9.0% of mass 176	6.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023521.D	10/21/2025	09:05
VY1021SBL01	VY1021SBL01	VY023522.D	10/21/2025	09:34
VY1021SBS01	VY1021SBS01	VY023523.D	10/21/2025	10:04
VY1021SBSD01	VY1021SBSD01	VY023524.D	10/21/2025	10:27
COMP-ROLLOFF	Q3399-03	VY023534.D	10/21/2025	14:59

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VY023521.D Date Analyzed: 10/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:05

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	499961	7.71	698196	8.62	642915	11.42
UPPER LIMIT	999922	8.213	1396390	9.116	1285830	11.92
LOWER LIMIT	249981	7.213	349098	8.116	321458	10.92
EPA SAMPLE NO.						
COMP-ROLLOFF	803329	7.71	1303553	8.62	1099444	11.41
VY1021SBL01	767531	7.71	1271980	8.62	1000258	11.42
VY1021SBS01	494016	7.71	712868	8.62	635785	11.41
VY1021SBSD01	507725	7.71	737688	8.62	649036	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VY023521.D Date Analyzed: 10/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:05

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	341616	13.347				
UPPER LIMIT	683232	13.847				
LOWER LIMIT	170808	12.847				
EPA SAMPLE NO.						
COMP-ROLLOFF	457774	13.35				
VY1021SBL01	378610	13.35				
VY1021SBS01	341398	13.35				
VY1021SBSD01	345630	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **VY023522.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBL01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
74-87-3	Chloromethane	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-01-4	Vinyl Chloride	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
74-83-9	Bromomethane	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
75-00-3	Chloroethane	2.50	U	1	1.30	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-69-4	Trichlorofluoromethane	4.00	U	1	1.20	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-35-4	1,1-Dichloroethene	2.50	U	1	1.00	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
67-64-1	Acetone	20.0	U	1	4.70	20.0	25.0	ug/Kg	10/21/25 09:34	VY102125
75-15-0	Carbon Disulfide	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
1634-04-4	Methyl tert-butyl Ether	2.50	U	1	0.73	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-20-9	Methyl Acetate	4.00	U	1	1.50	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
75-09-2	Methylene Chloride	8.00	U	1	3.50	8.00	10.0	ug/Kg	10/21/25 09:34	VY102125
156-60-5	trans-1,2-Dichloroethene	2.50	U	1	0.86	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-34-3	1,1-Dichloroethane	2.50	U	1	0.80	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
110-82-7	Cyclohexane	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
78-93-3	2-Butanone	20.0	U	1	6.50	20.0	25.0	ug/Kg	10/21/25 09:34	VY102125
56-23-5	Carbon Tetrachloride	2.50	U	1	0.97	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
156-59-2	cis-1,2-Dichloroethene	2.50	U	1	0.75	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
74-97-5	Bromochloromethane	4.00	U	1	1.20	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
67-66-3	Chloroform	4.00	U	1	0.84	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
71-55-6	1,1,1-Trichloroethane	2.50	U	1	0.93	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
108-87-2	Methylcyclohexane	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
71-43-2	Benzene	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
107-06-2	1,2-Dichloroethane	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-01-6	Trichloroethene	2.50	U	1	0.81	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
78-87-5	1,2-Dichloropropane	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-27-4	Bromodichloromethane	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
108-10-1	4-Methyl-2-Pentanone	12.5	U	1	3.60	12.5	25.0	ug/Kg	10/21/25 09:34	VY102125
108-88-3	Toluene	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
10061-02-6	t-1,3-Dichloropropene	2.50	U	1	0.65	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
10061-01-5	cis-1,3-Dichloropropene	2.50	U	1	0.62	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-00-5	1,1,2-Trichloroethane	2.50	U	1	0.92	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
591-78-6	2-Hexanone	12.5	U	1	3.70	12.5	25.0	ug/Kg	10/21/25 09:34	VY102125
124-48-1	Dibromochloromethane	2.50	U	1	0.87	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
106-93-4	1,2-Dibromoethane	2.50	U	1	0.88	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
127-18-4	Tetrachloroethene	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
108-90-7	Chlorobenzene	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
100-41-4	Ethyl Benzene	2.50	U	1	0.67	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
179601-23-1	m/p-Xylenes	5.00	U	1	1.20	5.00	10.0	ug/Kg	10/21/25 09:34	VY102125
95-47-6	o-Xylene	2.50	U	1	0.82	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
100-42-5	Styrene	2.50	U	1	0.71	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-25-2	Bromoform	2.50	U	1	0.86	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBL01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBL01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1	1.20	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
541-73-1	1,3-Dichlorobenzene	2.50	U	1	1.70	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
106-46-7	1,4-Dichlorobenzene	2.50	U	1	1.60	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
95-50-1	1,2-Dichlorobenzene	2.50	U	1	1.50	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	4.00	U	1	1.80	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
120-82-1	1,2,4-Trichlorobenzene	4.00	U	1	3.00	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
87-61-6	1,2,3-Trichlorobenzene	4.00	U	1	3.20	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	46.0			71 - 136		92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.7			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.1			85 - 116		96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	36.4	*		79 - 119		73%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	768000								
540-36-3	1,4-Difluorobenzene	1270000								
3114-55-4	Chlorobenzene-d5	1000000								
3855-82-1	1,4-Dichlorobenzene-d4	379000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VY023523.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBS01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBS01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	20.3		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
74-87-3	Chloromethane	19.5		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-01-4	Vinyl Chloride	20.2		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
74-83-9	Bromomethane	21.5		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
75-00-3	Chloroethane	21.2		1	1.30	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-69-4	Trichlorofluoromethane	20.4		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	21.1		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-35-4	1,1-Dichloroethene	20.2		1	1.00	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
67-64-1	Acetone	120		1	4.70	20.0	25.0	ug/Kg	10/21/25 10:04	VY102125
75-15-0	Carbon Disulfide	20.2		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
1634-04-4	Methyl tert-butyl Ether	18.0		1	0.73	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-20-9	Methyl Acetate	15.9		1	1.50	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
75-09-2	Methylene Chloride	19.0		1	3.50	8.00	10.0	ug/Kg	10/21/25 10:04	VY102125
156-60-5	trans-1,2-Dichloroethene	21.0		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-34-3	1,1-Dichloroethane	20.5		1	0.80	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
110-82-7	Cyclohexane	18.8		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
78-93-3	2-Butanone	100		1	6.50	20.0	25.0	ug/Kg	10/21/25 10:04	VY102125
56-23-5	Carbon Tetrachloride	21.7		1	0.97	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
156-59-2	cis-1,2-Dichloroethene	20.7		1	0.75	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
74-97-5	Bromochloromethane	19.7		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
67-66-3	Chloroform	21.5		1	0.84	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
71-55-6	1,1,1-Trichloroethane	21.1		1	0.93	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
108-87-2	Methylcyclohexane	19.8		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
71-43-2	Benzene	21.6		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
107-06-2	1,2-Dichloroethane	20.0		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-01-6	Trichloroethene	21.9		1	0.81	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
78-87-5	1,2-Dichloropropane	21.5		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-27-4	Bromodichloromethane	21.3		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
108-10-1	4-Methyl-2-Pentanone	86.7		1	3.60	12.5	25.0	ug/Kg	10/21/25 10:04	VY102125
108-88-3	Toluene	21.9		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.65	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
10061-01-5	cis-1,3-Dichloropropene	20.8		1	0.62	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-00-5	1,1,2-Trichloroethane	21.0		1	0.92	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
591-78-6	2-Hexanone	95.9		1	3.70	12.5	25.0	ug/Kg	10/21/25 10:04	VY102125
124-48-1	Dibromochloromethane	20.8		1	0.87	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
106-93-4	1,2-Dibromoethane	20.1		1	0.88	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
127-18-4	Tetrachloroethene	22.0		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
108-90-7	Chlorobenzene	21.2		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
100-41-4	Ethyl Benzene	21.0		1	0.67	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
179601-23-1	m/p-Xylenes	43.1		1	1.20	5.00	10.0	ug/Kg	10/21/25 10:04	VY102125
95-47-6	o-Xylene	20.6		1	0.82	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
100-42-5	Styrene	21.0		1	0.71	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-25-2	Bromoform	19.5		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125

Raw Data: **VY023523.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBS01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBS01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1	1.20	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
541-73-1	1,3-Dichlorobenzene	20.7		1	1.70	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
106-46-7	1,4-Dichlorobenzene	20.5		1	1.60	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
95-50-1	1,2-Dichlorobenzene	20.5		1	1.50	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1	1.80	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	3.00	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
87-61-6	1,2,3-Trichlorobenzene	18.1		1	3.20	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	46.9			71 - 136		94%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			78 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	51.3			85 - 116		103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.9			79 - 119		100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	494000								
540-36-3	1,4-Difluorobenzene	713000								
3114-55-4	Chlorobenzene-d5	636000								
3855-82-1	1,4-Dichlorobenzene-d4	341000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VY023524.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBSD01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	20.9		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
74-87-3	Chloromethane	19.3		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-01-4	Vinyl Chloride	20.0		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
74-83-9	Bromomethane	20.7		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
75-00-3	Chloroethane	21.4		1	1.30	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-69-4	Trichlorofluoromethane	20.6		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	20.7		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-35-4	1,1-Dichloroethene	20.6		1	1.00	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
67-64-1	Acetone	120		1	4.70	20.0	25.0	ug/Kg	10/21/25 10:27	VY102125
75-15-0	Carbon Disulfide	19.7		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
1634-04-4	Methyl tert-butyl Ether	18.2		1	0.73	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-20-9	Methyl Acetate	15.6		1	1.50	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
75-09-2	Methylene Chloride	18.9		1	3.50	8.00	10.0	ug/Kg	10/21/25 10:27	VY102125
156-60-5	trans-1,2-Dichloroethene	20.6		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-34-3	1,1-Dichloroethane	20.6		1	0.80	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
110-82-7	Cyclohexane	18.6		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
78-93-3	2-Butanone	100		1	6.50	20.0	25.0	ug/Kg	10/21/25 10:27	VY102125
56-23-5	Carbon Tetrachloride	21.0		1	0.97	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
156-59-2	cis-1,2-Dichloroethene	20.5		1	0.75	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
74-97-5	Bromochloromethane	19.6		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
67-66-3	Chloroform	21.0		1	0.84	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
71-55-6	1,1,1-Trichloroethane	20.8		1	0.93	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
108-87-2	Methylcyclohexane	19.5		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
71-43-2	Benzene	21.6		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
107-06-2	1,2-Dichloroethane	20.0		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-01-6	Trichloroethene	21.2		1	0.81	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
78-87-5	1,2-Dichloropropane	20.7		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-27-4	Bromodichloromethane	21.2		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
108-10-1	4-Methyl-2-Pentanone	86.8		1	3.60	12.5	25.0	ug/Kg	10/21/25 10:27	VY102125
108-88-3	Toluene	21.4		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
10061-02-6	t-1,3-Dichloropropene	19.5		1	0.65	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
10061-01-5	cis-1,3-Dichloropropene	20.2		1	0.62	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-00-5	1,1,2-Trichloroethane	20.2		1	0.92	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
591-78-6	2-Hexanone	96.5		1	3.70	12.5	25.0	ug/Kg	10/21/25 10:27	VY102125
124-48-1	Dibromochloromethane	20.5		1	0.87	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
106-93-4	1,2-Dibromoethane	20.2		1	0.88	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
127-18-4	Tetrachloroethene	22.1		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
108-90-7	Chlorobenzene	21.2		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
100-41-4	Ethyl Benzene	20.8		1	0.67	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
179601-23-1	m/p-Xylenes	42.7		1	1.20	5.00	10.0	ug/Kg	10/21/25 10:27	VY102125
95-47-6	o-Xylene	20.7		1	0.82	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
100-42-5	Styrene	20.5		1	0.71	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-25-2	Bromoform	19.6		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125

Raw Data: **VY023524.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBSD01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBSD01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1	1.20	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
541-73-1	1,3-Dichlorobenzene	20.8		1	1.70	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
106-46-7	1,4-Dichlorobenzene	20.6		1	1.60	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
95-50-1	1,2-Dichlorobenzene	20.5		1	1.50	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	17.3		1	1.80	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
120-82-1	1,2,4-Trichlorobenzene	19.1		1	3.00	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
87-61-6	1,2,3-Trichlorobenzene	18.8		1	3.20	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	45.6			71 - 136		91%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	49.7			85 - 116		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.7			79 - 119		95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	508000								
540-36-3	1,4-Difluorobenzene	738000								
3114-55-4	Chlorobenzene-d5	649000								
3855-82-1	1,4-Dichlorobenzene-d4	346000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG No.: Q3399
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/21/2025 09:05
Lab File ID: VY023521.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.323		-10.28	20
Chloromethane	0.490	0.450	0.1	-8.16	20
Vinyl Chloride	0.639	0.605		-5.32	20
Bromomethane	0.536	0.513		-4.29	20
Chloroethane	0.435	0.447		2.76	20
Trichlorofluoromethane	0.887	0.883		-0.45	20
1,1,2-Trichlorotrifluoroethane	0.460	0.490		6.52	20
1,1-Dichloroethene	0.446	0.455		2.02	20
Acetone	0.100	0.113		13	20
Carbon Disulfide	1.277	1.260		-1.33	20
Methyl tert-butyl Ether	1.072	1.116		4.1	20
Methyl Acetate	0.261	0.303		16.09	20
Methylene Chloride	0.538	0.509		-5.39	20
trans-1,2-Dichloroethene	0.491	0.520		5.91	20
1,1-Dichloroethane	0.796	0.840	0.1	5.53	20
Cyclohexane	0.696	0.643		-7.61	20
2-Butanone	0.122	0.124		1.64	20
Carbon Tetrachloride	0.493	0.562		14	20
cis-1,2-Dichloroethene	0.567	0.614		8.29	20
Bromochloromethane	0.297	0.269		-9.43	20
Chloroform	0.875	0.960		9.71	20
1,1,1-Trichloroethane	0.795	0.859		8.05	20
Methylcyclohexane	0.530	0.568		7.17	20
Benzene	1.288	1.448		12.42	20
1,2-Dichloroethane	0.332	0.360		8.43	20
Trichloroethene	0.377	0.421		11.67	20
1,2-Dichloropropane	0.285	0.320		12.28	20
Bromodichloromethane	0.453	0.522		15.23	20
4-Methyl-2-Pentanone	0.166	0.186		12.05	20
Toluene	0.836	0.967		15.67	20
t-1,3-Dichloropropene	0.394	0.441		11.93	20
cis-1,3-Dichloropropene	0.465	0.524		12.69	20
1,1,2-Trichloroethane	0.242	0.285		17.77	20
2-Hexanone	0.119	0.135		13.44	20
Dibromochloromethane	0.339	0.403		18.88	20
1,2-Dibromoethane	0.231	0.269		16.45	20
Tetrachloroethene	0.516	0.575		11.43	20
Chlorobenzene	1.087	1.181	0.3	8.65	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG No.: Q3399
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/21/2025 09:05
Lab File ID: VY023521.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.961		11.42	20
m/p-Xylenes	0.706	0.799		13.17	20
o-Xylene	0.662	0.739		11.63	20
Styrene	1.089	1.261		15.79	20
Bromoform	0.240	0.269	0.1	12.08	20
Isopropylbenzene	3.295	3.640		10.47	20
1,1,2,2-Tetrachloroethane	0.539	0.571	0.3	5.94	20
1,3-Dichlorobenzene	1.706	1.887		10.61	20
1,4-Dichlorobenzene	1.685	1.813		7.6	20
1,2-Dichlorobenzene	1.496	1.634		9.23	20
1,2-Dibromo-3-Chloropropane	0.088	0.088		0	20
1,2,4-Trichlorobenzene	0.932	0.982		5.36	20
1,2,3-Trichlorobenzene	0.808	0.843		4.33	20
1,2-Dichloroethane-d4	0.418	0.408		-2.39	20
Dibromofluoromethane	0.307	0.331		7.82	20
Toluene-d8	1.144	1.218		6.47	20
4-Bromofluorobenzene	0.378	0.405		7.14	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023534.D
Acq On : 21 Oct 2025 14:59
Operator : SY/MD
Sample : Q3399-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 22 12:28:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 07 14:25:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	803329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1303553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1099444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	457774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	336669	50.118	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%			
35) Dibromofluoromethane	7.640	113	409395	51.112	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.220%			
50) Toluene-d8	10.109	98	1472481	49.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.408	95	421770	42.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.660%			

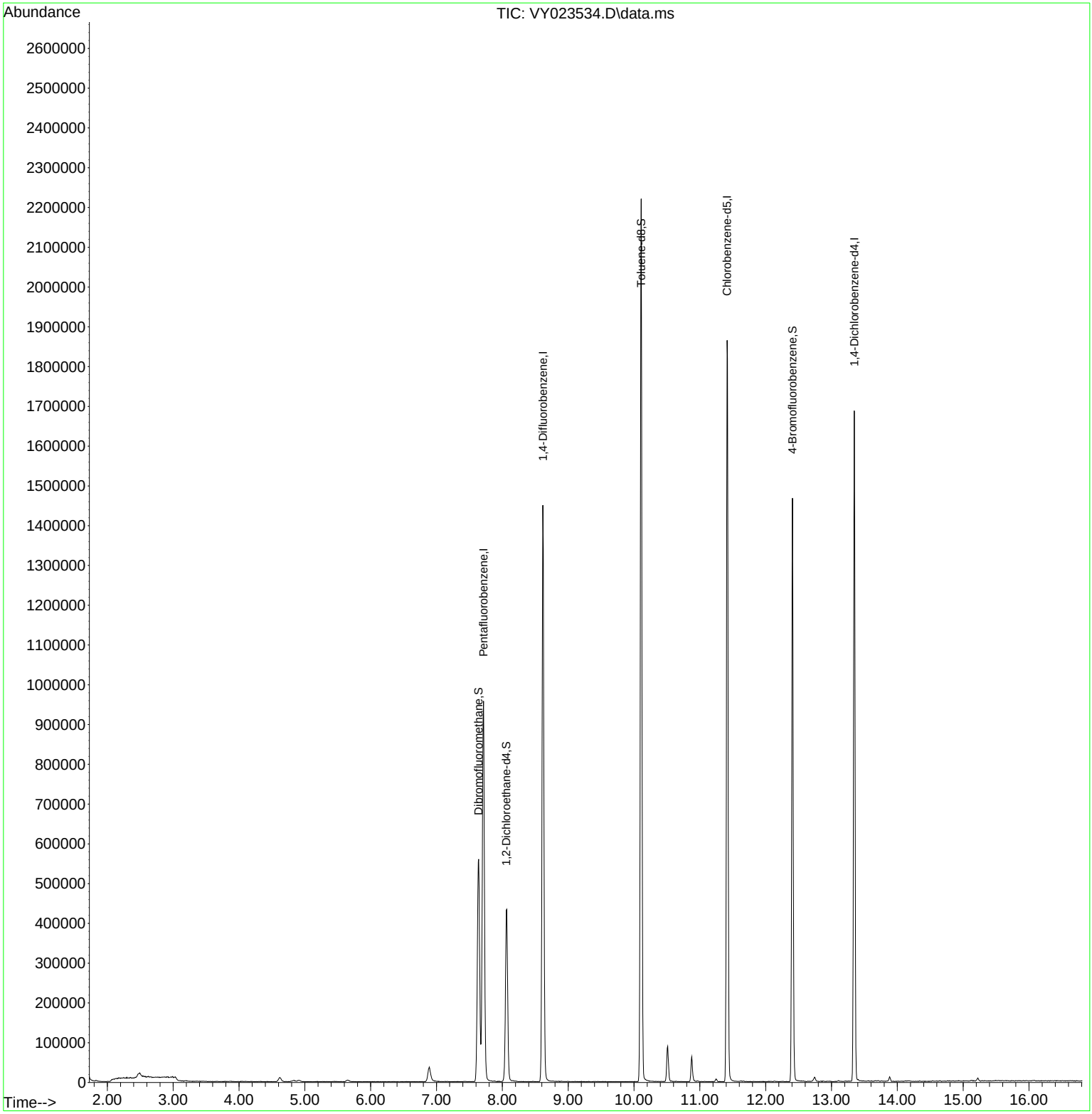
Target Compounds Qvalue

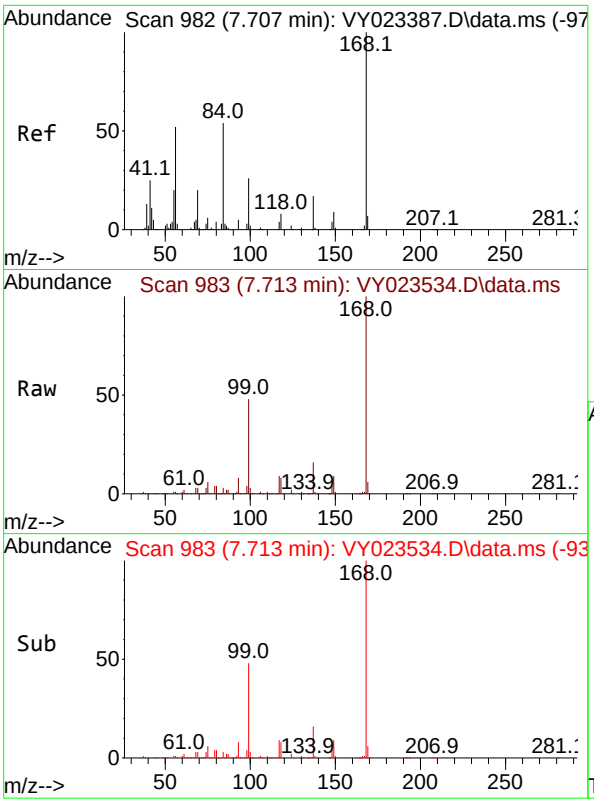
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023534.D
Acq On : 21 Oct 2025 14:59
Operator : SY/MD
Sample : Q3399-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 22 12:28:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 07 14:25:11 2025
Response via : Initial Calibration



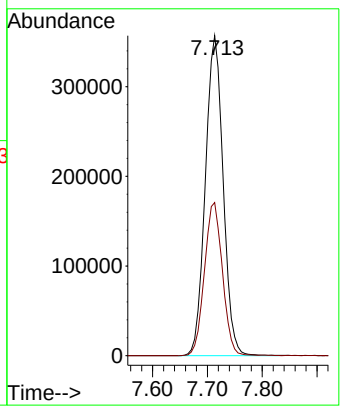


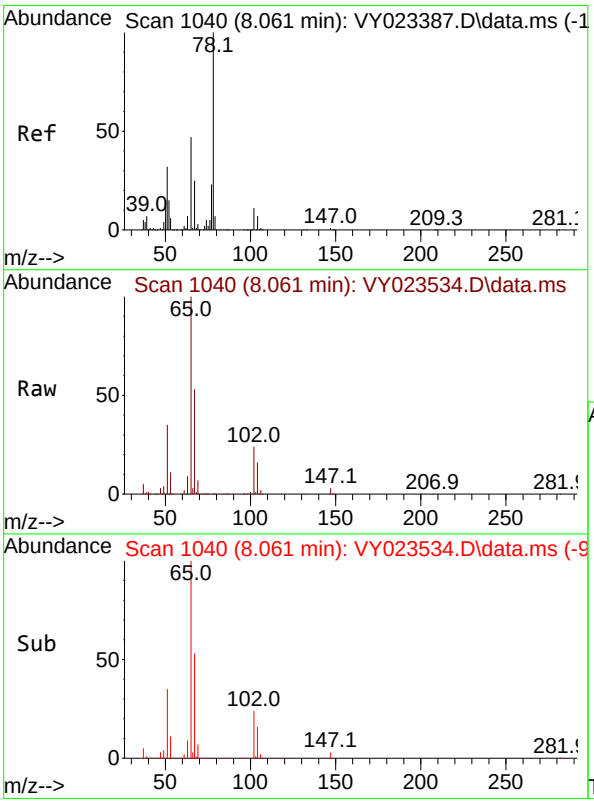
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:168 Resp: 803329

Ion	Ratio	Lower	Upper
168	100		
99	47.9	42.8	64.2

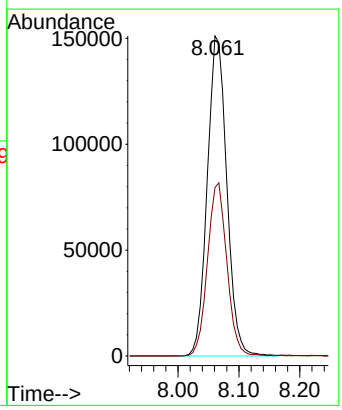


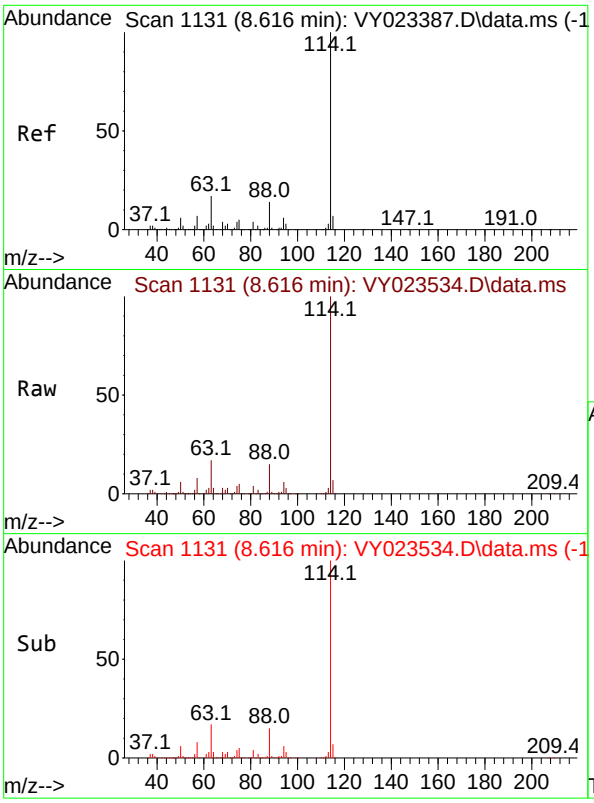


#33
1,2-Dichloroethane-d4
Concen: 50.118 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Tgt Ion: 65 Resp: 336669

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8



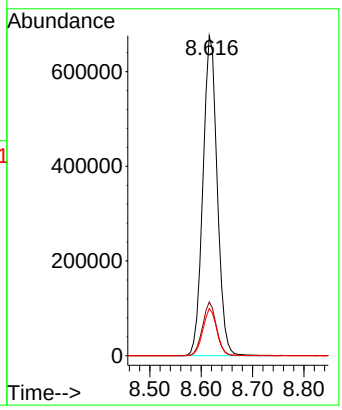


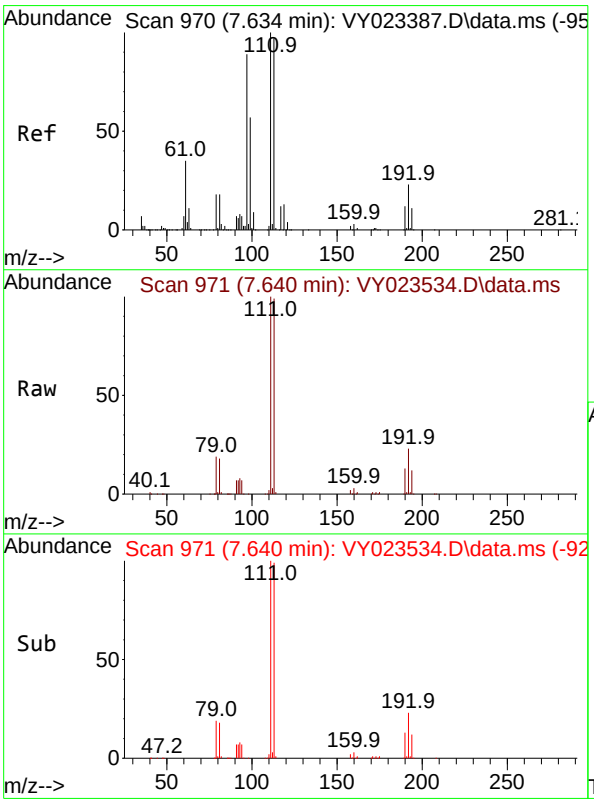
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:114 Resp: 1303553

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	38.4
88	14.7	0.0	30.0

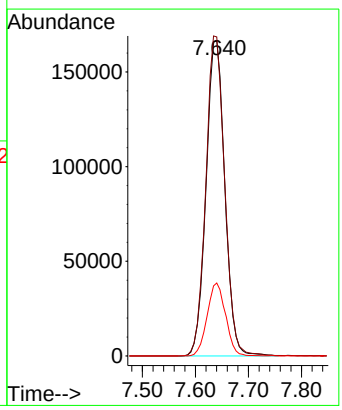


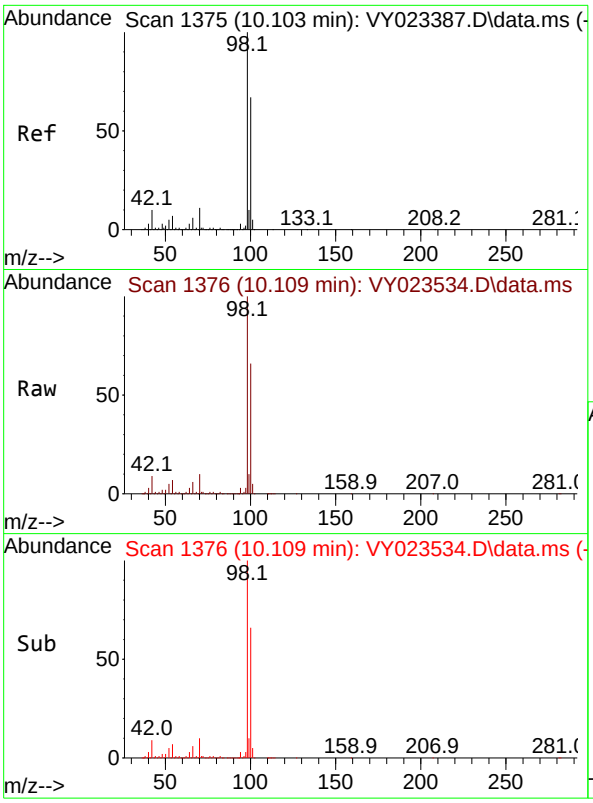


#35
Dibromofluoromethane
Concen: 51.112 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Tgt Ion:113 Resp: 409395

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	22.7	16.2	24.4



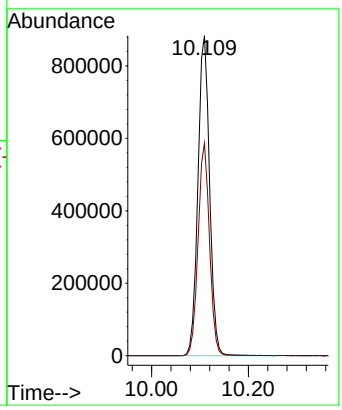


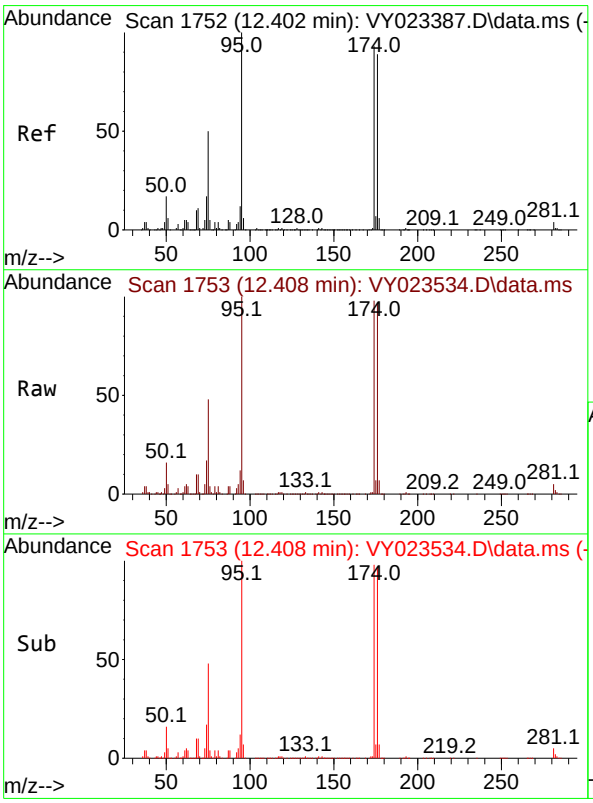
#50
Toluene-d8
Concen: 49.364 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 98 Resp: 1472481

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5

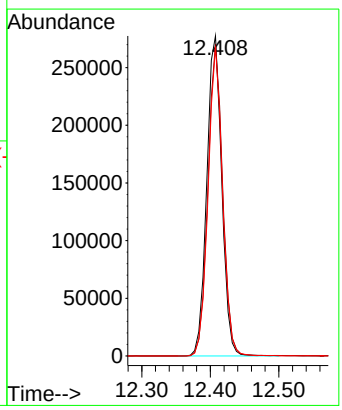


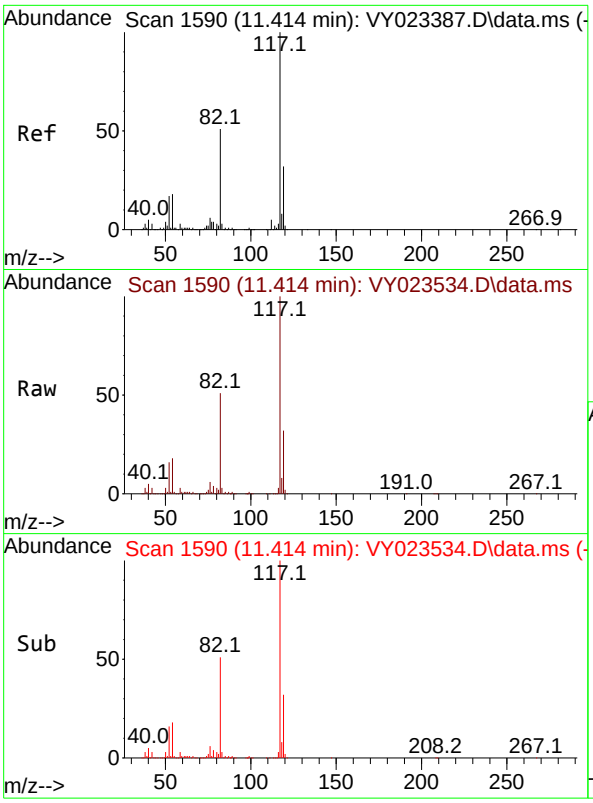


#62
4-Bromofluorobenzene
Concen: 42.828 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Tgt Ion: 95 Resp: 421770

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	171.6
176	93.0	0.0	167.6



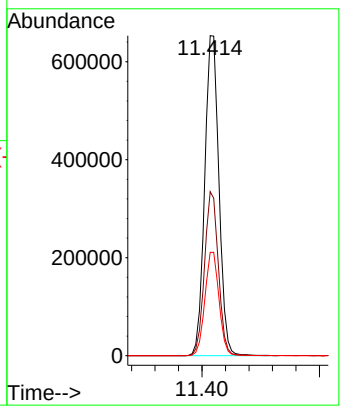


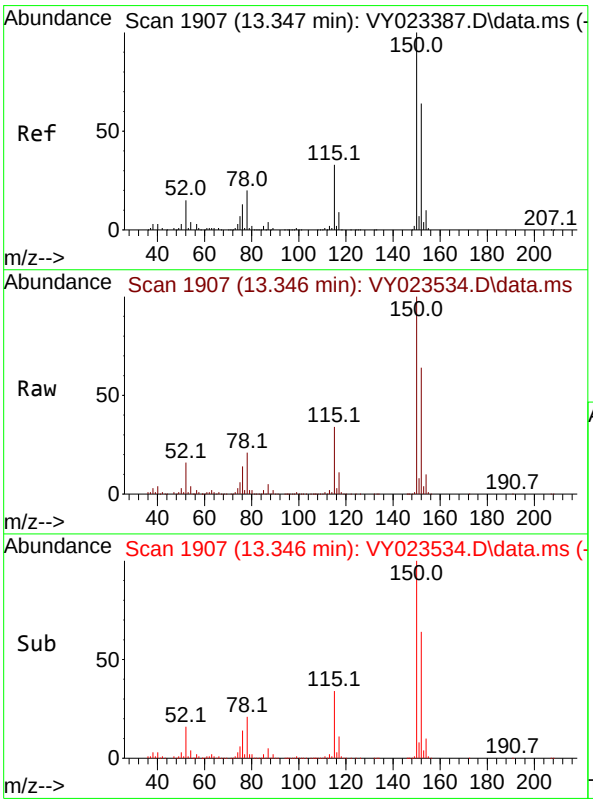
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:117 Resp: 1099444

Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.4	65.0
119	32.3	25.6	38.4

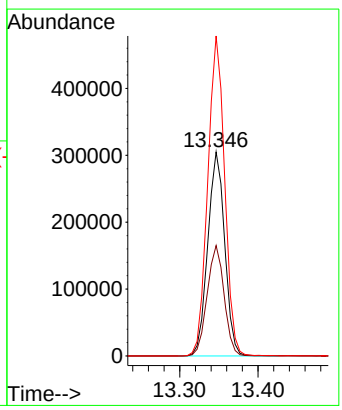




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023534.D
Acq: 21 Oct 2025 14:59

Tgt Ion:152 Resp: 457774

Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.2	84.6
150	156.5	0.0	348.0



Sample Results: **VY023534.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023534.D
Acq On : 21 Oct 2025 14:59
Operator : SY/MD
Sample : Q3399-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	2.489	113	126	133	rBV10	13369	50012	1.35%	0.258%
2	6.890	837	848	861	rBV	37146	114560	3.08%	0.590%
3	7.640	959	971	976	rBV	559241	1350687	36.35%	6.956%
4	7.713	976	983	1002	rVB	955384	2187295	58.86%	11.264%
5	8.067	1029	1041	1054	rBV	432975	997020	26.83%	5.134%
6	8.616	1121	1131	1150	rBV	1449794	2792670	75.15%	14.382%
7	10.109	1367	1376	1394	rBV	2219922	3715977	100.00%	19.137%
8	10.512	1433	1442	1450	rBV	88661	165759	4.46%	0.854%
9	10.877	1496	1502	1513	rBV	62010	106402	2.86%	0.548%
10	11.414	1582	1590	1609	rBV	1863958	3119187	83.94%	16.063%
11	12.408	1744	1753	1765	rBV	1467361	2277969	61.30%	11.731%
12	13.346	1899	1907	1915	rBV	1685792	2540627	68.37%	13.084%

Sum of corrected areas: 19418165

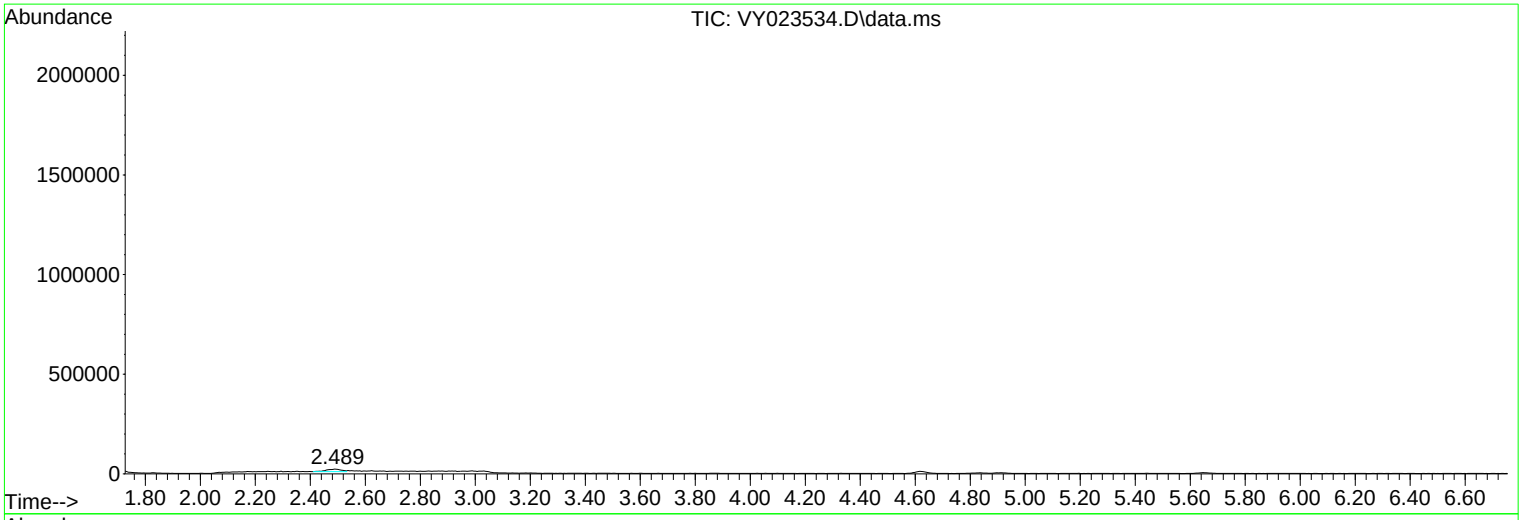
Sample Results: **VY023534.D**

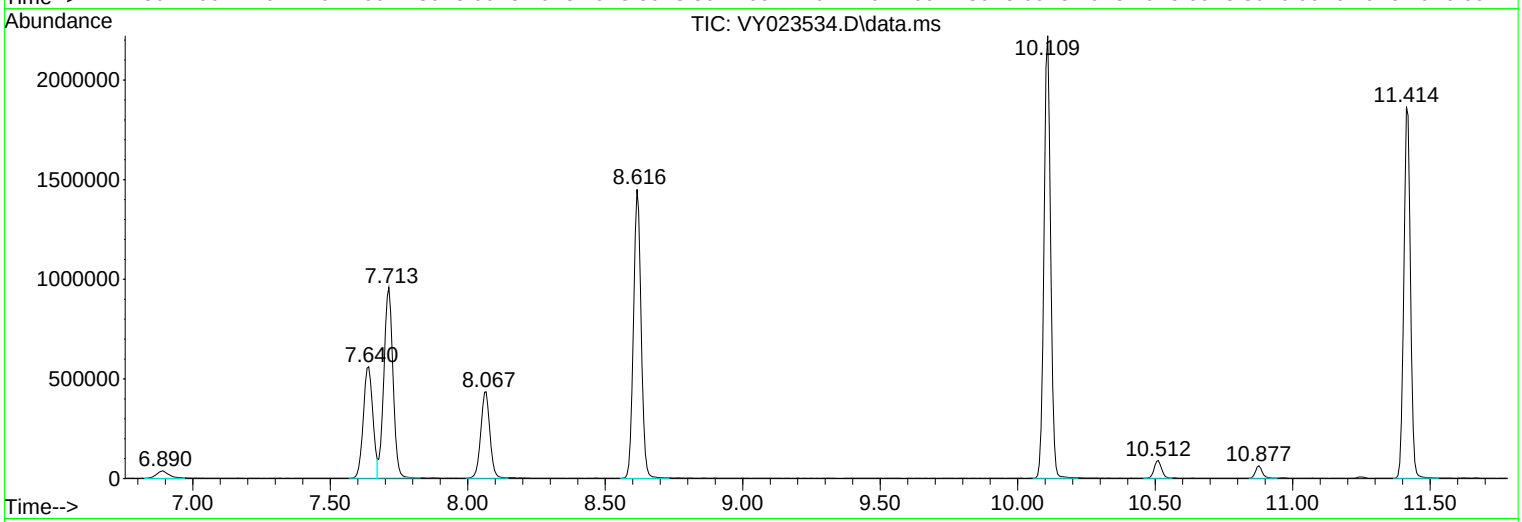
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023534.D
Acq On : 21 Oct 2025 14:59
Operator : SY/MD
Sample : Q3399-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

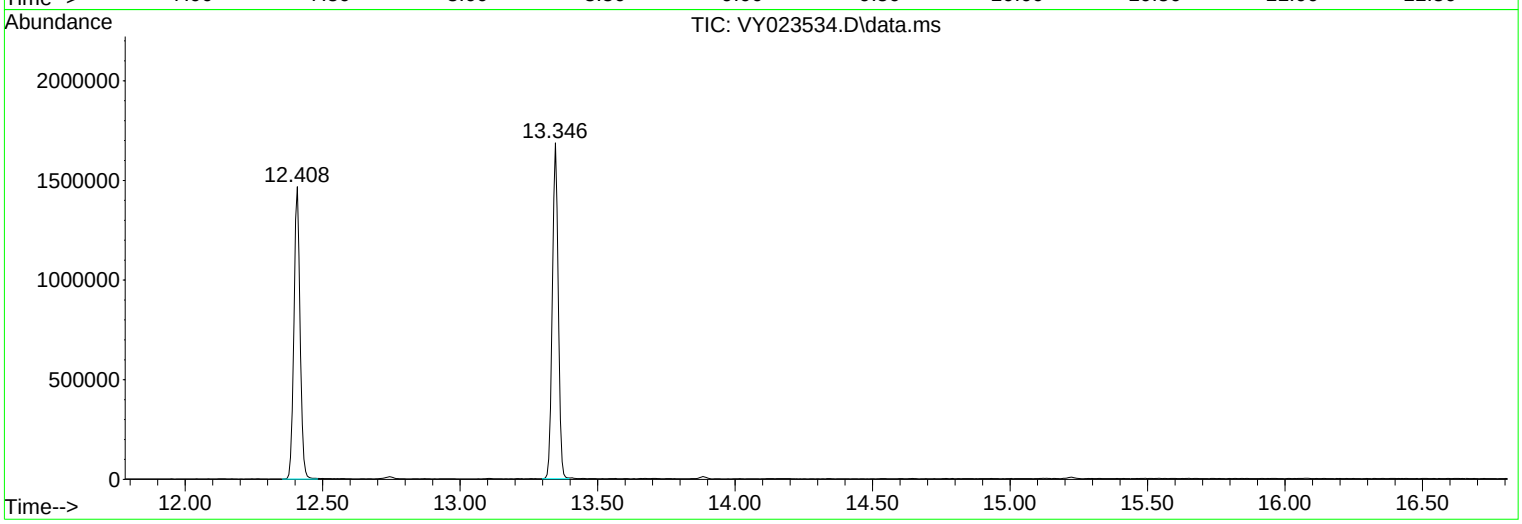
Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VY023534.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023534.D
Acq On : 21 Oct 2025 14:59
Operator : SY/MD
Sample : Q3399-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023534.D
Acq On : 21 Oct 2025 14:59
Operator : SY/MD
Sample : Q3399-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023522.D
Acq On : 21 Oct 2025 09:34
Operator : SY/MD
Sample : VY1021SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Quant Time: Oct 24 01:21:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	767531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1271980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1000258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	378610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	295141	45.985	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.960%		
35) Dibromofluoromethane	7.640	113	388671	49.729	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.460%		
50) Toluene-d8	10.109	98	1399310	48.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.408	95	349784	36.400	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	72.800%		

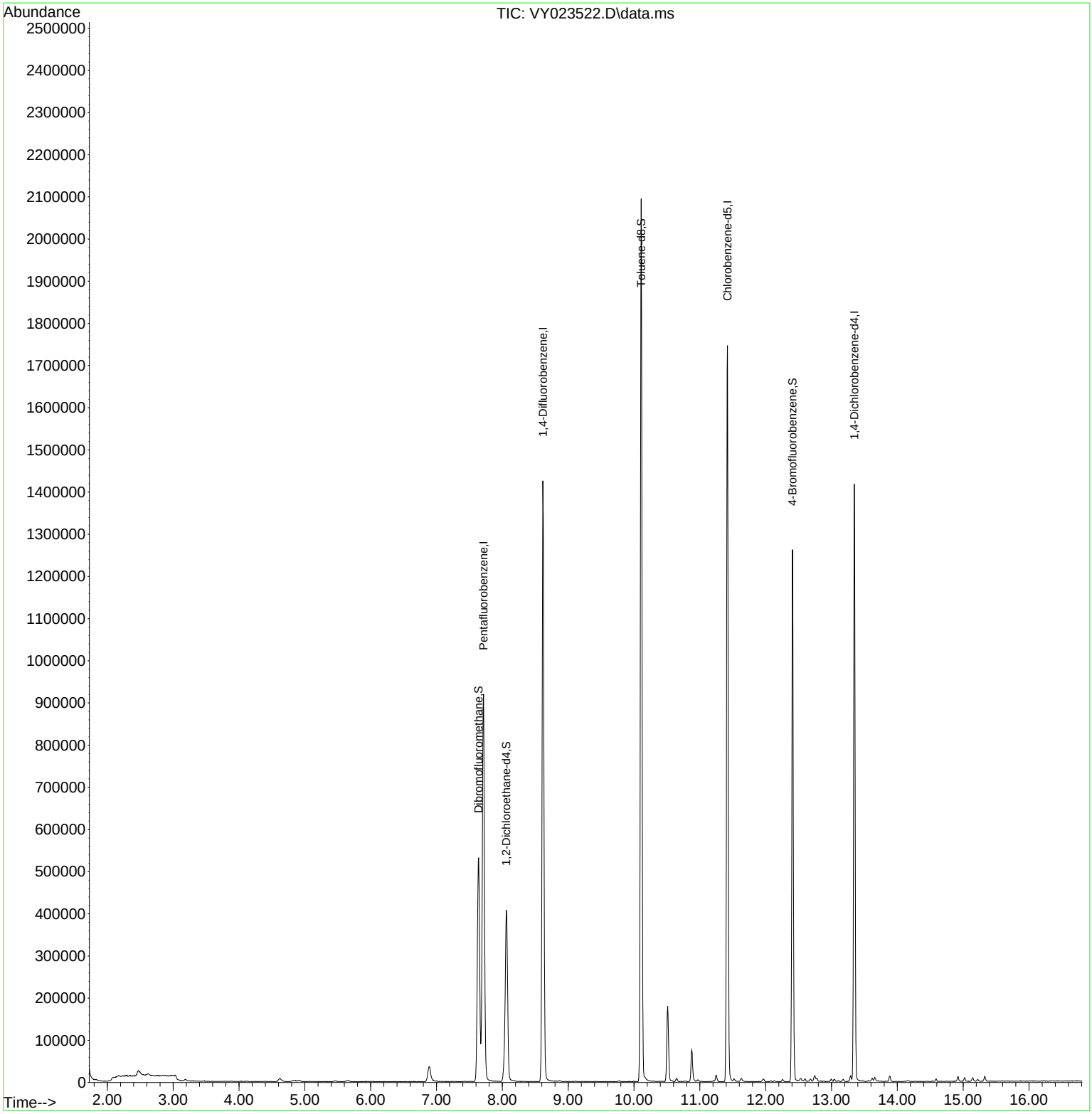
Target Compounds Qvalue

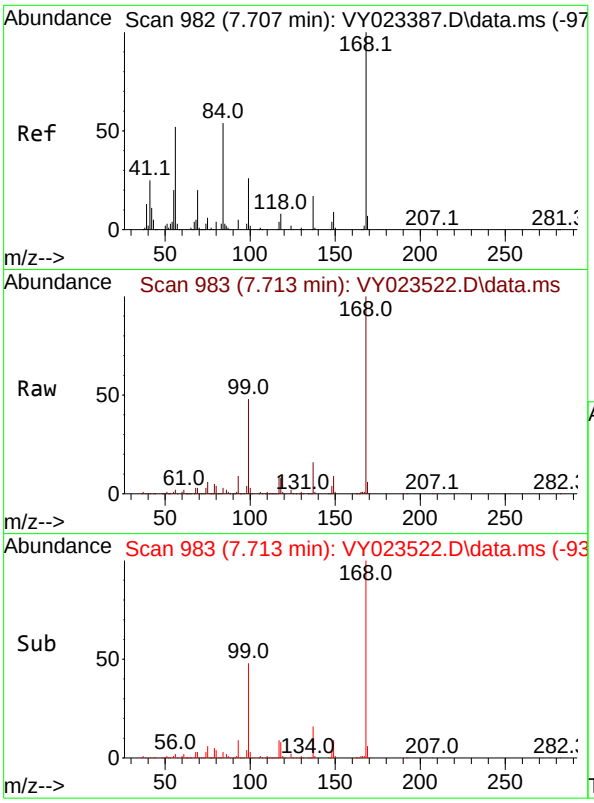
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023522.D
Acq On : 21 Oct 2025 09:34
Operator : SY/MD
Sample : VY1021SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Quant Time: Oct 24 01:21:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



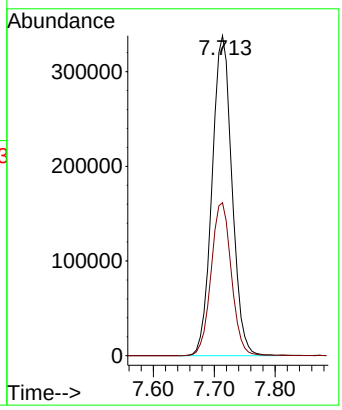


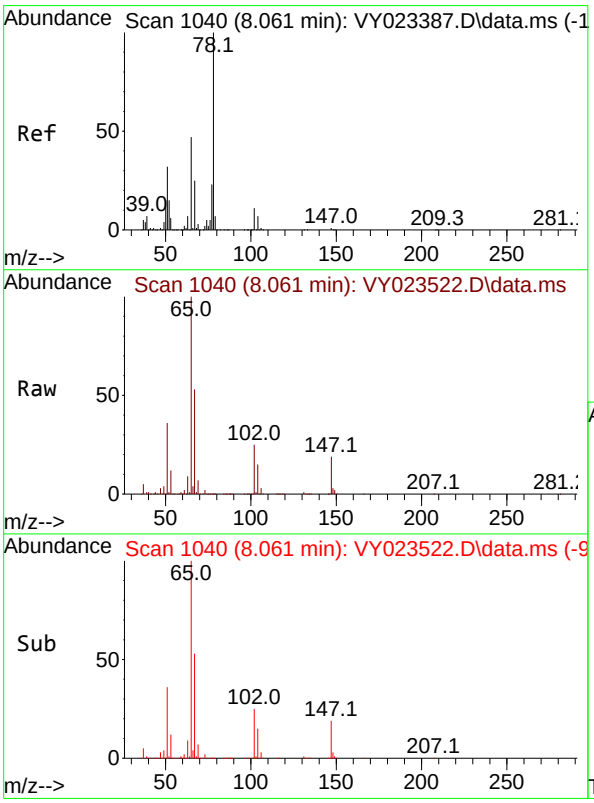
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Tgt Ion:168 Resp: 767531

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.7	59.5

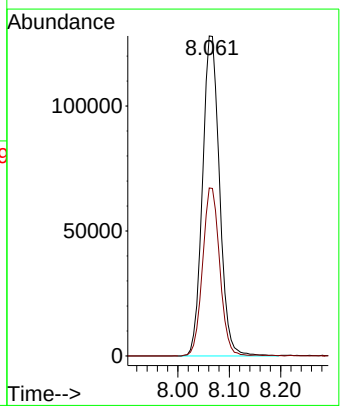


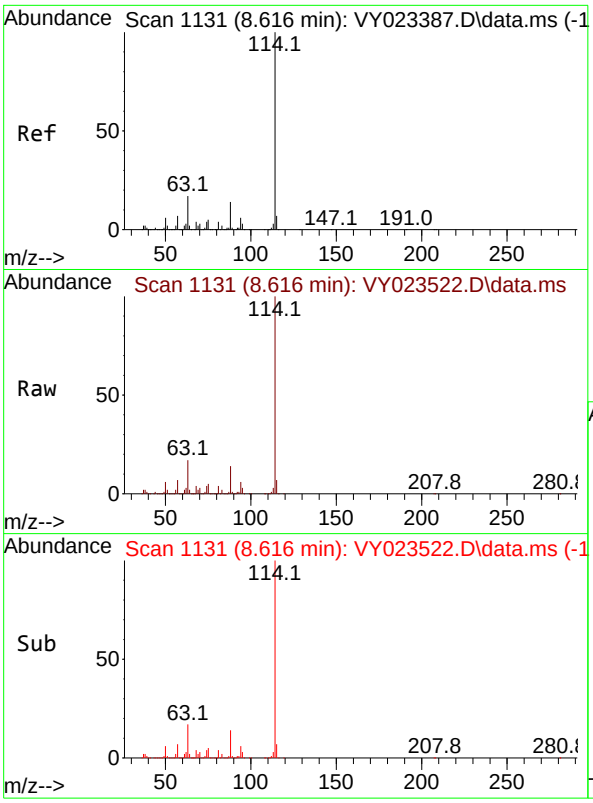


#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Tgt Ion: 65 Resp: 295141

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



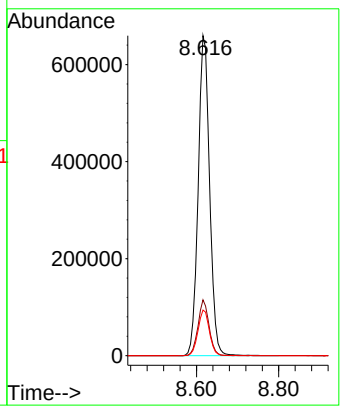


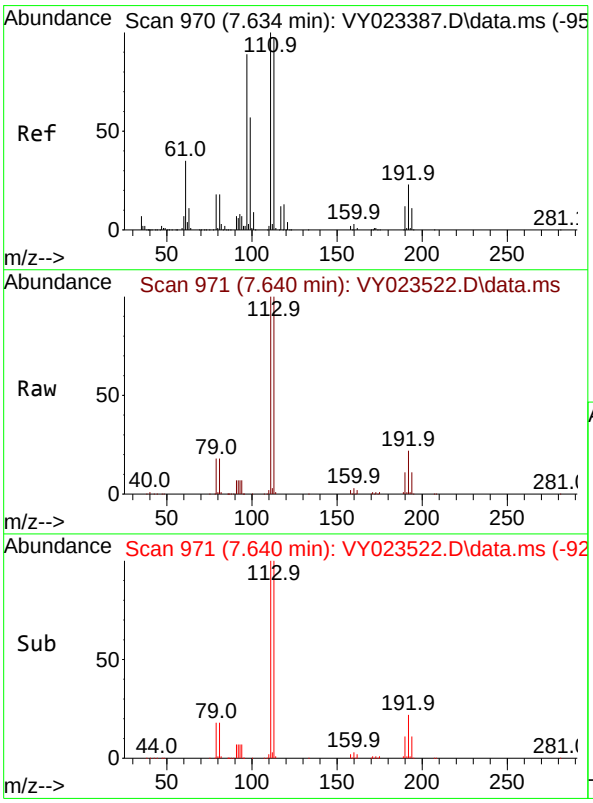
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Tgt Ion:114 Resp: 1271980

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.2
88	14.2	0.0	28.4

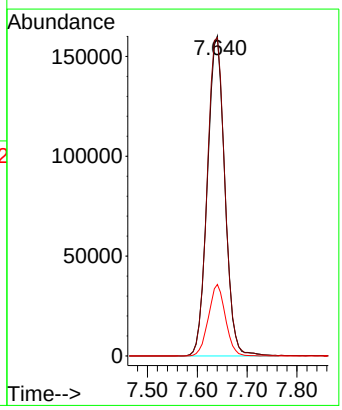


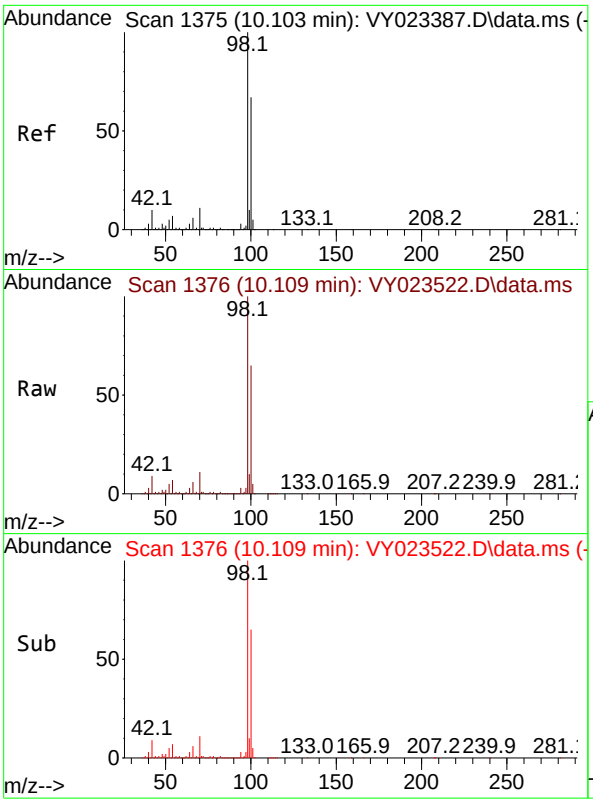


#35
Dibromofluoromethane
Concen: 49.729 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Tgt Ion:113 Resp: 388671

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.6
192	21.8	18.0	27.0



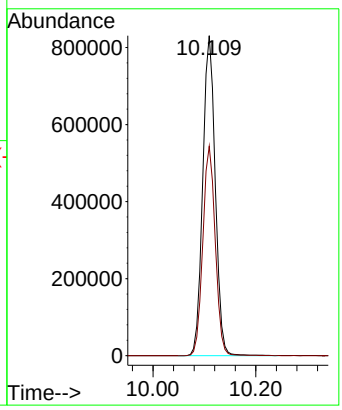


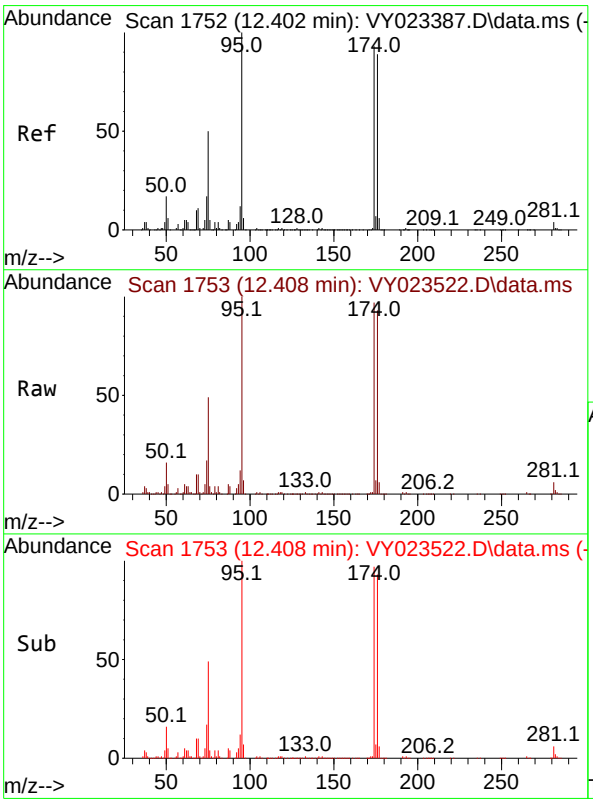
#50
Toluene-d8
Concen: 48.076 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Tgt Ion: 98 Resp: 1399310

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4

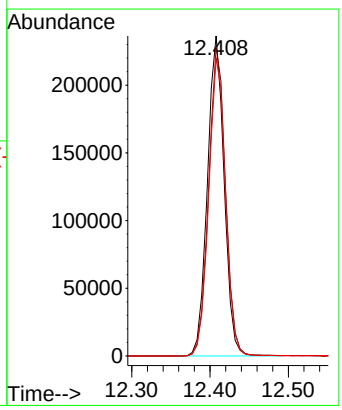


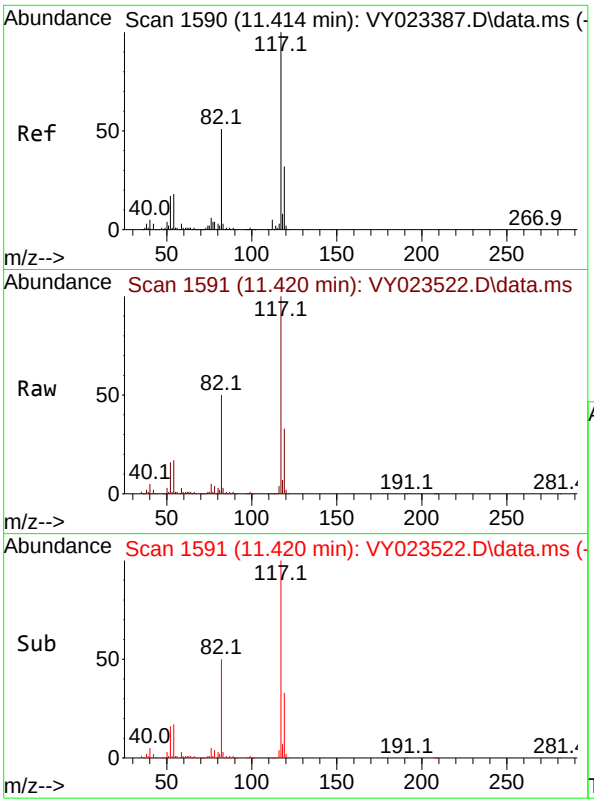


#62
4-Bromofluorobenzene
Concen: 36.400 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Tgt Ion: 95 Resp: 349784

Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	192.8
176	93.7	0.0	187.6



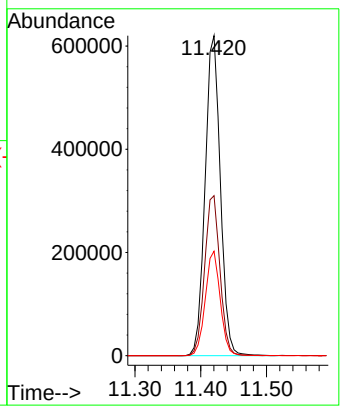


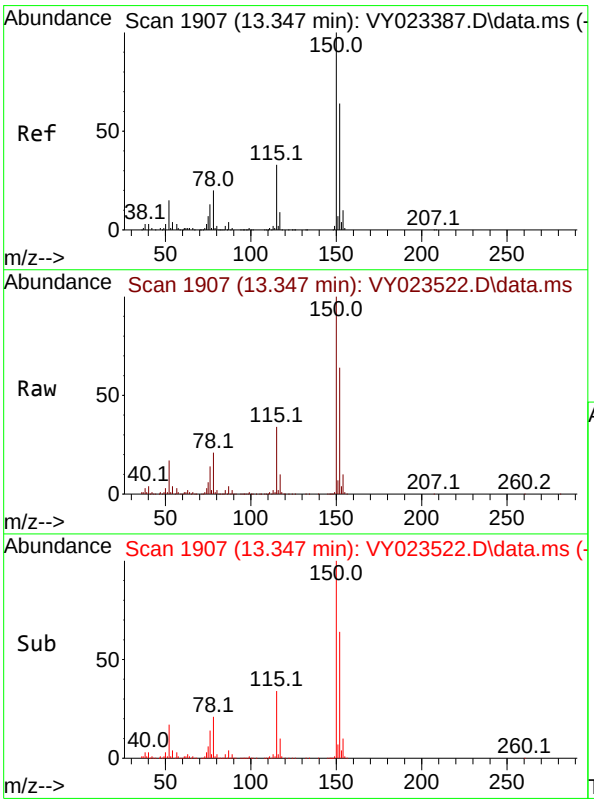
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Tgt Ion:117 Resp: 1000258

Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.0	61.4
119	32.6	25.6	38.4

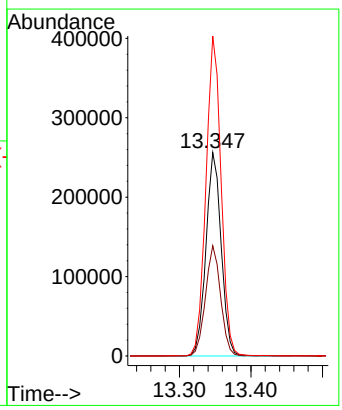




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023522.D
Acq: 21 Oct 2025 09:34

Tgt Ion:152 Resp: 378610

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	156.0	0.0	347.4



Sample Results: **VY023522.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023522.D
Acq On : 21 Oct 2025 09:34
Operator : SY/MD
Sample : VY1021SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023522.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.890	838	848	857	rBV	35400	111624	3.14%	0.612%
2	7.640	959	971	976	rBV	531008	1277186	35.90%	6.997%
3	7.713	976	983	1000	rVB	917366	2109123	59.28%	11.555%
4	8.061	1027	1040	1064	rBV2	406960	1071893	30.13%	5.872%
5	8.616	1122	1131	1147	rBV	1424841	2733100	76.81%	14.973%
6	10.109	1367	1376	1396	rBV	2093314	3558053	100.00%	19.492%
7	10.512	1435	1442	1449	rBV	178794	329732	9.27%	1.806%
8	10.878	1494	1502	1511	rBV	75256	134524	3.78%	0.737%
9	11.420	1583	1591	1604	rBV	1745395	2851605	80.15%	15.622%
10	12.408	1746	1753	1763	rBV2	1261596	1957774	55.02%	10.725%
11	13.347	1901	1907	1921	rVB	1416131	2119051	59.56%	11.609%

Sum of corrected areas: 18253665

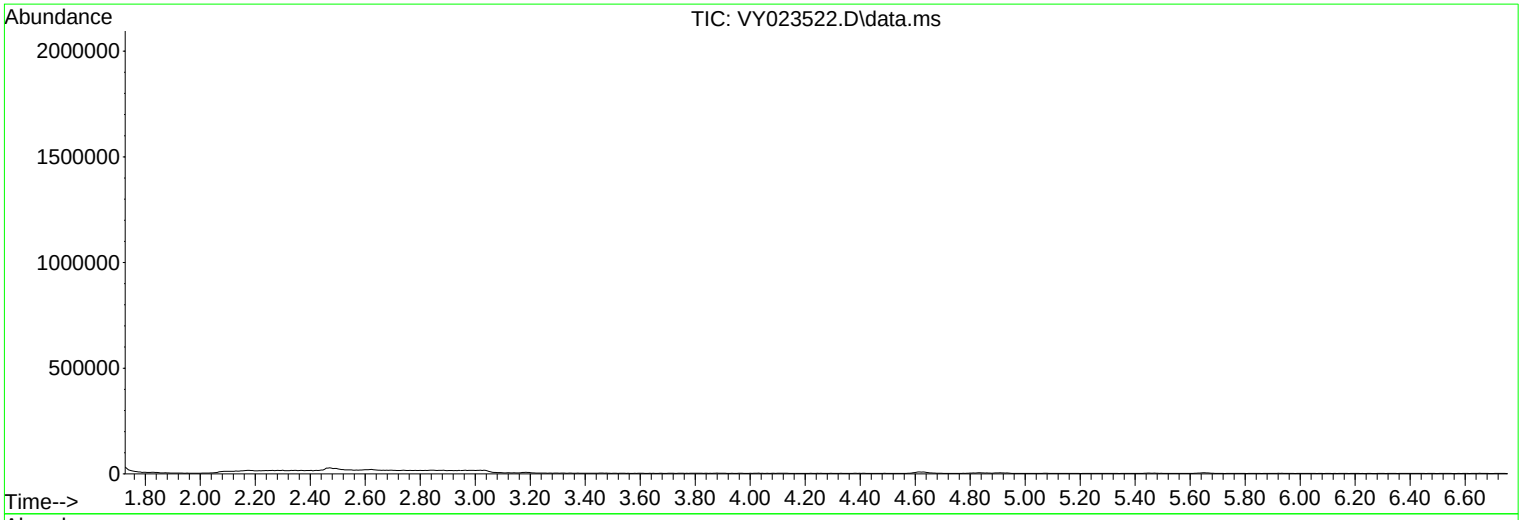
Sample Results: **VY023522.D**

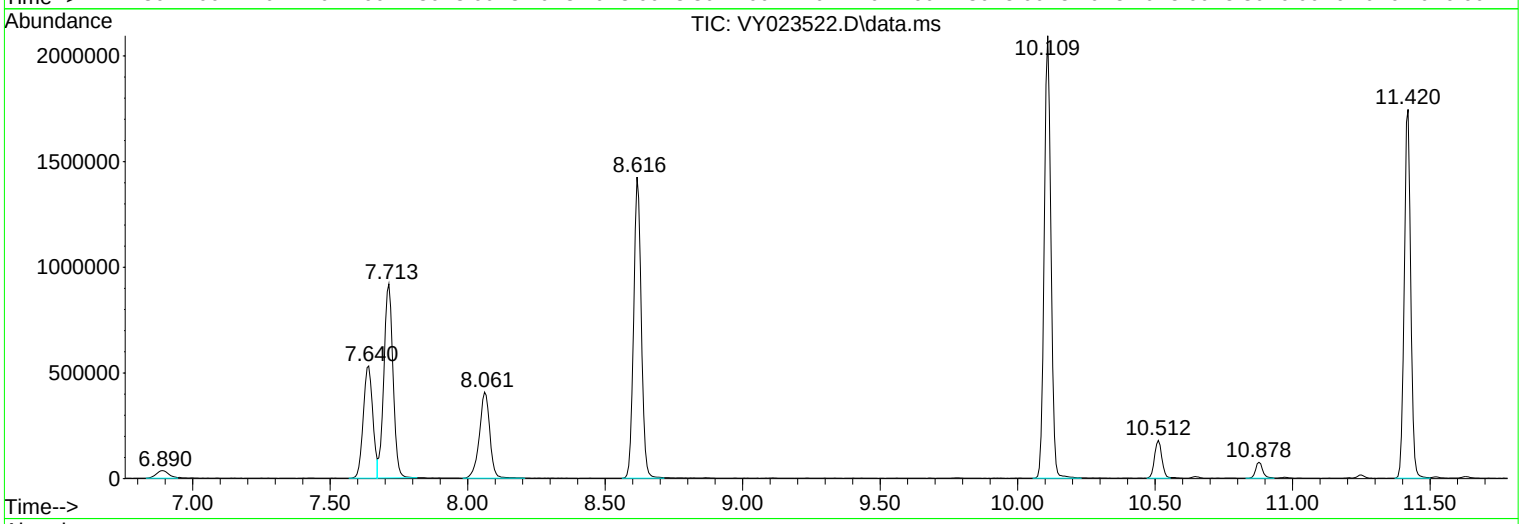
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023522.D
Acq On : 21 Oct 2025 09:34
Operator : SY/MD
Sample : VY1021SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

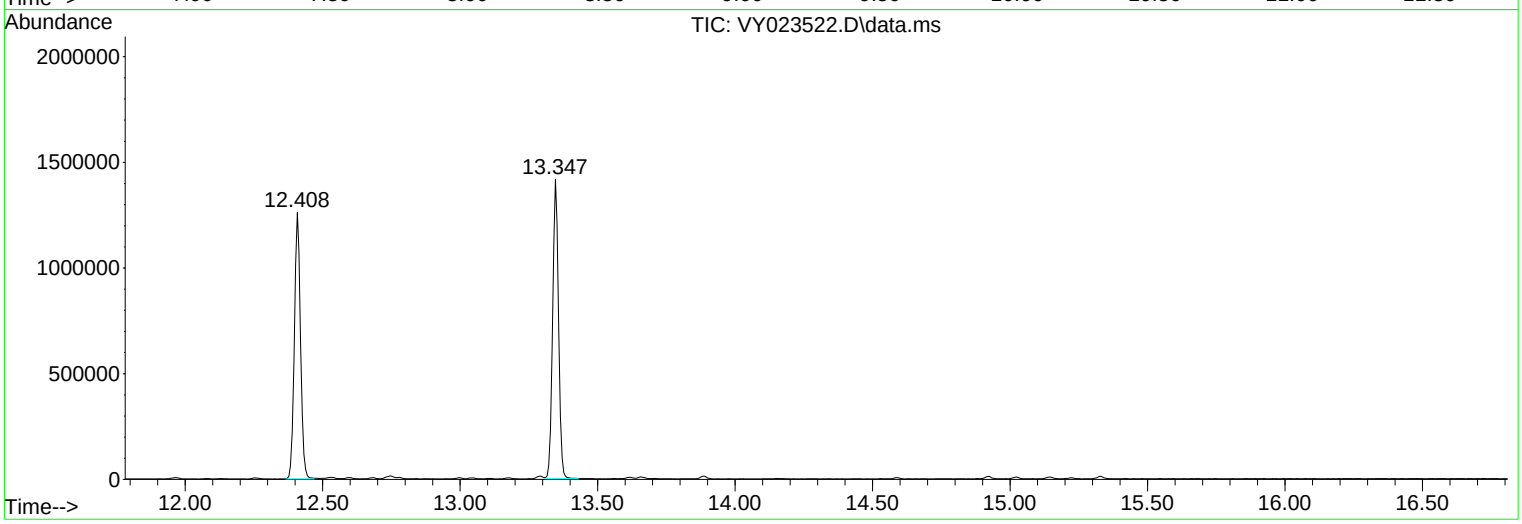
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023522.D
Acq On : 21 Oct 2025 09:34
Operator : SY/MD
Sample : VY1021SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023522.D
Acq On : 21 Oct 2025 09:34
Operator : SY/MD
Sample : VY1021SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023523.D
Acq On : 21 Oct 2025 10:04
Operator : SY/MD
Sample : VY1021SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 01:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	494016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	712868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	635785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	341398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193871	46.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.860%			
35) Dibromofluoromethane	7.634	113	222986	50.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.109	98	837402	51.335	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.408	95	268965	49.942	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	72214	20.308	ug/l	96
3) Chloromethane	2.074	50	94488	19.506	ug/l	99
4) Vinyl Chloride	2.208	62	127704	20.240	ug/l	98
5) Bromomethane	2.592	94	113644	21.464	ug/l	96
6) Chloroethane	2.732	64	91163	21.197	ug/l	99
7) Trichlorofluoromethane	3.056	101	179067	20.441	ug/l	100
8) Diethyl Ether	3.458	74	42637	18.626	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	96083	21.136	ug/l	99
10) Methyl Iodide	4.007	142	95981	18.966	ug/l	100
11) Tert butyl alcohol	4.848	59	34552	112.428	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	89008	20.198	ug/l	95
13) Acrolein	3.653	56	21612	49.768	ug/l	98
14) Allyl chloride	4.385	41	99926	18.606	ug/l	96
15) Acrylonitrile	5.061	53	79043	90.228	ug/l	99
16) Acetone	3.866	43	119380	121.387	ug/l	99
17) Carbon Disulfide	4.110	76	254170	20.152	ug/l	99
18) Methyl Acetate	4.385	43	40953	15.874	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	190637	17.999	ug/l	96
20) Methylene Chloride	4.616	84	101259	19.041	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	101665	20.955	ug/l	97
22) Diisopropyl ether	6.018	45	232353	19.559	ug/l	93
23) Vinyl Acetate	5.964	43	586288	91.178	ug/l	97
24) 1,1-Dichloroethane	5.915	63	161044	20.465	ug/l	99
25) 2-Butanone	6.896	43	122251	101.820	ug/l	96
26) 2,2-Dichloropropane	6.884	77	149940	20.766	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	115907	20.682	ug/l	98
28) Bromochloromethane	7.250	49	57916	19.715	ug/l	93
29) Tetrahydrofuran	7.262	42	54688	80.322	ug/l	97
30) Chloroform	7.421	83	186069	21.521	ug/l	100
31) Cyclohexane	7.701	56	129108	18.787	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	165772	21.099	ug/l	100
36) 1,1-Dichloropropene	7.835	75	122511	21.126	ug/l	99
37) Ethyl Acetate	6.988	43	42544	18.518	ug/l	98
38) Carbon Tetrachloride	7.823	117	152907	21.746	ug/l	99
39) Methylcyclohexane	9.109	83	149816	19.842	ug/l	96
40) Benzene	8.079	78	396525	21.591	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023523.D
Acq On : 21 Oct 2025 10:04
Operator : SY/MD
Sample : VY1021SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 01:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	24936m	20.069	ug/l		
42) 1,2-Dichloroethane	8.158	62	94656	19.985	ug/l		97
43) Isopropyl Acetate	8.201	43	79352	17.322	ug/l		99
44) Trichloroethene	8.865	130	117801	21.916	ug/l		97
45) 1,2-Dichloropropane	9.140	63	87109	21.475	ug/l		100
46) Dibromomethane	9.231	93	52865	20.610	ug/l		98
47) Bromodichloromethane	9.426	83	137492	21.284	ug/l		100
48) Methyl methacrylate	9.219	41	34583	16.069	ug/l		89
49) 1,4-Dioxane	9.231	88	10115	340.128	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	205212	86.702	ug/l		100
52) Toluene	10.170	92	260667	21.861	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	111956	19.932	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	137908	20.802	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	72400	20.990	ug/l		95
56) Ethyl methacrylate	10.438	69	68512	17.220	ug/l		96
57) 1,3-Dichloropropane	10.719	76	110943	20.298	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	161119	90.396	ug/l		100
59) 2-Hexanone	10.761	43	162182	95.882	ug/l		100
60) Dibromochloromethane	10.914	129	100658	20.815	ug/l		99
61) 1,2-Dibromoethane	11.011	107	66140	20.106	ug/l		100
64) Tetrachloroethene	10.646	164	144595	22.026	ug/l		96
65) Chlorobenzene	11.444	112	292874	21.180	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	105517	21.413	ug/l		99
67) Ethyl Benzene	11.517	91	469417	20.972	ug/l		99
68) m/p-Xylenes	11.627	106	386672	43.069	ug/l		98
69) o-Xylene	11.956	106	173158	20.563	ug/l		100
70) Styrene	11.969	104	290368	20.968	ug/l		100
71) Bromoform	12.133	173	59594	19.497	ug/l	#	99
73) Isopropylbenzene	12.255	105	457435	20.332	ug/l		99
74) N-amyl acetate	12.072	43	63675	15.757	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.505	83	67088	18.231	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	51352m	17.049	ug/l		
77) Bromobenzene	12.529	156	120941	20.220	ug/l		97
78) n-propylbenzene	12.597	91	544028	20.896	ug/l		100
79) 2-Chlorotoluene	12.682	91	314616	20.636	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	382336	21.030	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	21535	17.532	ug/l		99
82) 4-Chlorotoluene	12.779	91	333366	21.231	ug/l		100
83) tert-Butylbenzene	12.999	119	342878	20.426	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	382715	21.093	ug/l		99
85) sec-Butylbenzene	13.176	105	504696	20.959	ug/l		100
86) p-Isopropyltoluene	13.292	119	427597	20.856	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	241546	20.738	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	236089	20.523	ug/l		98
89) n-Butylbenzene	13.615	91	360818	20.198	ug/l		99
90) Hexachloroethane	13.877	117	93382	21.177	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	209046	20.472	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10278	17.023	ug/l		96
93) 1,2,4-Trichlorobenzene	14.919	180	114772	18.029	ug/l		99
94) Hexachlorobutadiene	15.023	225	80710	20.338	ug/l		97
95) Naphthalene	15.145	128	155957	15.384	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	99805	18.100	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023523.D
Acq On : 21 Oct 2025 10:04
Operator : SY/MD
Sample : VY1021SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 01:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

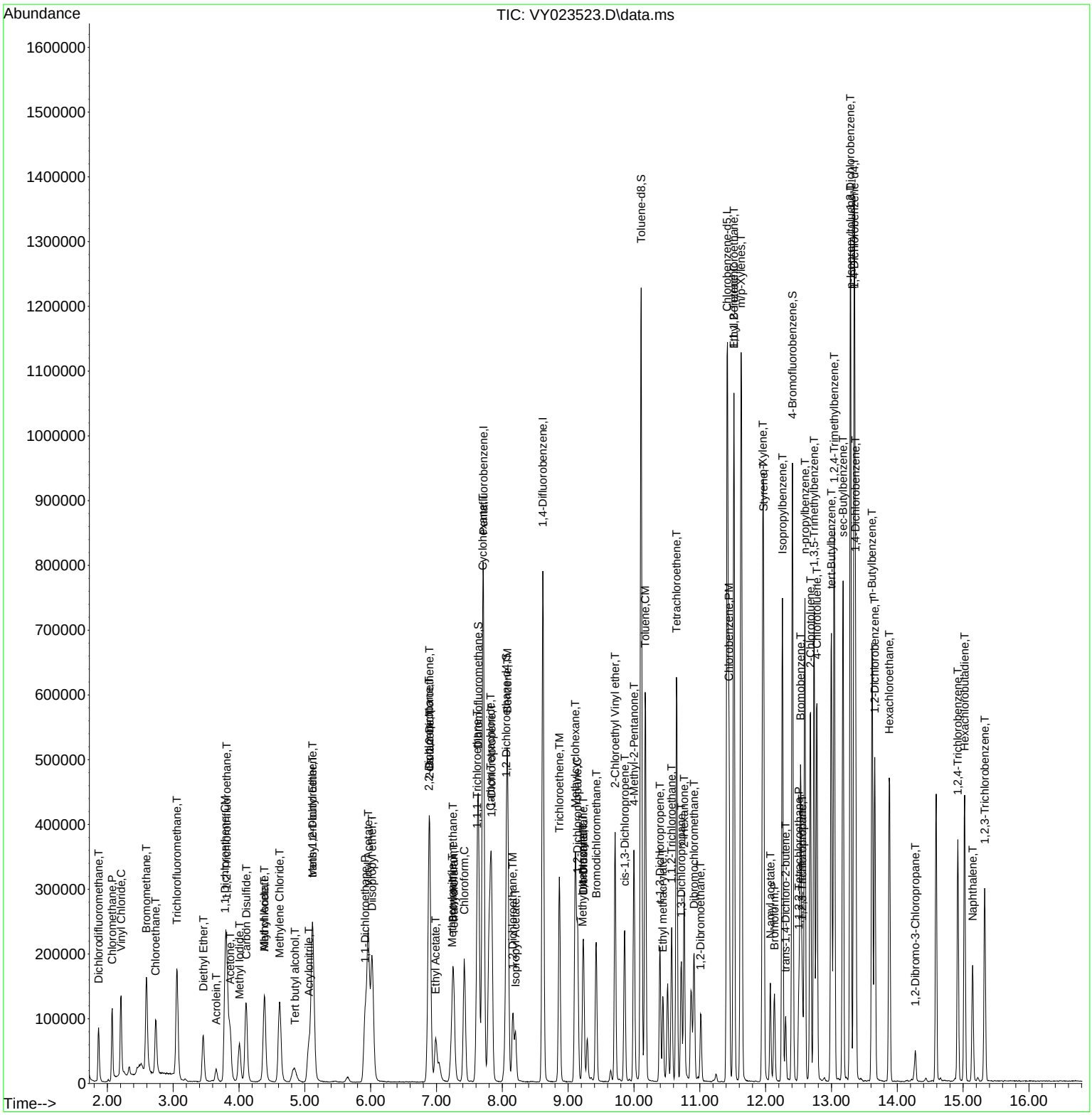
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023523.D
Acq On : 21 Oct 2025 10:04
Operator : SY/MD
Sample : VY1021SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 01:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023524.D
Acq On : 21 Oct 2025 10:27
Operator : SY/MD
Sample : VY1021SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 01:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	507725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	737688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	649036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193552	45.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.180%			
35) Dibromofluoromethane	7.640	113	224981	49.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.260%			
50) Toluene-d8	10.109	98	839480	49.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.407	95	265572	47.653	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	76535	20.942	ug/l	97
3) Chloromethane	2.074	50	96007	19.285	ug/l	94
4) Vinyl Chloride	2.208	62	129832	20.022	ug/l	98
5) Bromomethane	2.592	94	112639	20.700	ug/l	95
6) Chloroethane	2.732	64	94469	21.373	ug/l	95
7) Trichlorofluoromethane	3.055	101	185484	20.601	ug/l	99
8) Diethyl Ether	3.458	74	43119	18.328	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	96666	20.690	ug/l	98
10) Methyl Iodide	4.007	142	105061	20.199	ug/l	99
11) Tert butyl alcohol	4.854	59	29782	94.291	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	93147	20.567	ug/l	97
13) Acrolein	3.653	56	22812	51.113	ug/l	100
14) Allyl chloride	4.391	41	104298	18.896	ug/l	98
15) Acrylonitrile	5.067	53	80058	88.919	ug/l	100
16) Acetone	3.866	43	119903	118.627	ug/l	99
17) Carbon Disulfide	4.110	76	255071	19.677	ug/l	100
18) Methyl Acetate	4.385	43	41344	15.593	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	198449	18.231	ug/l	99
20) Methylene Chloride	4.622	84	103156	18.874	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	102505	20.557	ug/l	95
22) Diisopropyl ether	6.024	45	241142	19.751	ug/l	100
23) Vinyl Acetate	5.963	43	608978	92.150	ug/l	99
24) 1,1-Dichloroethane	5.915	63	166872	20.633	ug/l	99
25) 2-Butanone	6.896	43	123377	99.983	ug/l	97
26) 2,2-Dichloropropane	6.884	77	153398	20.671	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	118114	20.507	ug/l	98
28) Bromochloromethane	7.244	49	59036	19.554	ug/l	99
29) Tetrahydrofuran	7.262	42	56628	80.926	ug/l	98
30) Chloroform	7.427	83	186548	20.994	ug/l	98
31) Cyclohexane	7.707	56	131398	18.604	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	167846	20.786	ug/l	99
36) 1,1-Dichloropropene	7.835	75	125854	20.973	ug/l	99
37) Ethyl Acetate	6.988	43	42506	17.879	ug/l	97
38) Carbon Tetrachloride	7.817	117	152959	21.021	ug/l	99
39) Methylcyclohexane	9.109	83	152680	19.541	ug/l	97
40) Benzene	8.085	78	409670	21.557	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023524.D
Acq On : 21 Oct 2025 10:27
Operator : SY/MD
Sample : VY1021SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 01:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.244	41	25328m	19.698	ug/l		
42) 1,2-Dichloroethane	8.158	62	97868	19.968	ug/l		98
43) Isopropyl Acetate	8.201	43	83604	17.636	ug/l		96
44) Trichloroethene	8.865	130	117839	21.185	ug/l		97
45) 1,2-Dichloropropane	9.140	63	86878	20.697	ug/l		96
46) Dibromomethane	9.231	93	54393	20.493	ug/l		98
47) Bromodichloromethane	9.426	83	141737	21.203	ug/l		97
48) Methyl methacrylate	9.225	41	36374	16.333	ug/l		93
49) 1,4-Dioxane	9.231	88	11187	363.519	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	212509	86.764	ug/l		99
52) Toluene	10.170	92	264651	21.448	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	113570	19.539	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	138303	20.160	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	72099	20.200	ug/l		96
56) Ethyl methacrylate	10.438	69	71577	17.385	ug/l		97
57) 1,3-Dichloropropane	10.719	76	115753	20.466	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	157950	85.637	ug/l		99
59) 2-Hexanone	10.761	43	168854	96.468	ug/l		99
60) Dibromochloromethane	10.914	129	102818	20.546	ug/l		99
61) 1,2-Dibromoethane	11.011	107	68658	20.170	ug/l		98
64) Tetrachloroethene	10.646	164	148305	22.130	ug/l		96
65) Chlorobenzene	11.444	112	298892	21.174	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	105088	20.891	ug/l		99
67) Ethyl Benzene	11.517	91	475071	20.791	ug/l		100
68) m/p-Xylenes	11.627	106	391375	42.703	ug/l		100
69) o-Xylene	11.956	106	178360	20.748	ug/l		98
70) Styrene	11.969	104	290473	20.548	ug/l		99
71) Bromoform	12.133	173	61136	19.593	ug/l	#	100
73) Isopropylbenzene	12.255	105	463044	20.329	ug/l		100
74) N-amyl acetate	12.072	43	68201	16.670	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	70214	18.847	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	63070m	20.683	ug/l		
77) Bromobenzene	12.529	156	123338	20.368	ug/l		98
78) n-propylbenzene	12.596	91	549380	20.843	ug/l		100
79) 2-Chlorotoluene	12.676	91	317913	20.597	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	383903	20.858	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	22311	17.942	ug/l		97
82) 4-Chlorotoluene	12.773	91	329355	20.719	ug/l		99
83) tert-Butylbenzene	12.999	119	348123	20.485	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	381863	20.789	ug/l		100
85) sec-Butylbenzene	13.176	105	513781	21.075	ug/l		99
86) p-Isopropyltoluene	13.291	119	434529	20.935	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	245648	20.832	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	239545	20.569	ug/l		99
89) n-Butylbenzene	13.615	91	366353	20.257	ug/l		99
90) Hexachloroethane	13.877	117	92759	20.778	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	212289	20.535	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10564	17.282	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	123359	19.140	ug/l		99
94) Hexachlorobutadiene	15.023	225	84356	20.997	ug/l		100
95) Naphthalene	15.145	128	169169	16.483	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	104991	18.807	ug/l		99

Sample Results: **VY023524.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023524.D
Acq On : 21 Oct 2025 10:27
Operator : SY/MD
Sample : VY1021SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 01:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

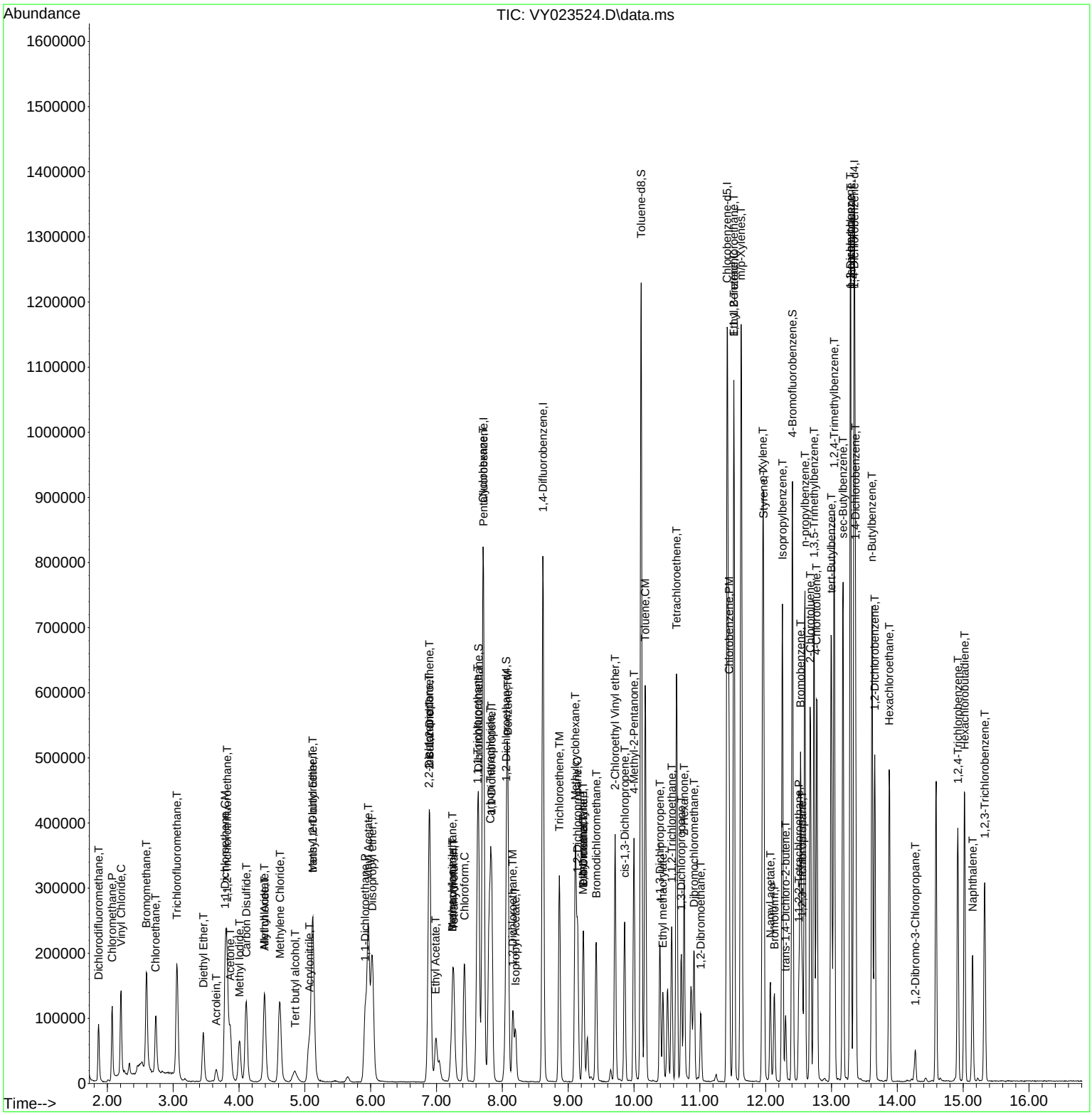
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023524.D
Acq On : 21 Oct 2025 10:27
Operator : SY/MD
Sample : VY1021SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 01:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY102125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023521.D	1,2,3-Trichloropropane	Amit	10/24/2025 11:55:48 AM	MMDadoda	10/27/2025 7:57:12 AM	Peak Integrated by Software
VY1021SBS01	VY023523.D	1,2,3-Trichloropropane	Amit	10/24/2025 11:55:53 AM	MMDadoda	10/27/2025 7:57:16 AM	Peak Integrated by Software
VY1021SBS01	VY023523.D	Methacrylonitrile	Amit	10/24/2025 11:55:53 AM	MMDadoda	10/27/2025 7:57:16 AM	Peak Integrated by Software
VY1021SBSD01	VY023524.D	1,2,3-Trichloropropane	Amit	10/24/2025 11:55:57 AM	MMDadoda	10/27/2025 7:57:19 AM	Peak Integrated by Software
VY1021SBSD01	VY023524.D	Methacrylonitrile	Amit	10/24/2025 11:55:57 AM	MMDadoda	10/27/2025 7:57:19 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102125

Review By	John Carlone	Review On	10/24/2025 2:07:04 PM				
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 7:57:33 AM				
SubDirectory	VY102125	HP Acquire Method	MSVOA_Y		HP Processing Method	82y100725s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135871
Initial Calibration Stds	
CCC	VP135872,VP135873
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023520.D	21 Oct 2025 08:29	SY/MD	Ok
2	VSTDCCC050	VY023521.D	21 Oct 2025 09:05	SY/MD	Ok,M
3	VY1021SBL01	VY023522.D	21 Oct 2025 09:34	SY/MD	Ok
4	VY1021SBS01	VY023523.D	21 Oct 2025 10:04	SY/MD	Ok,M
5	VY1021SBSD01	VY023524.D	21 Oct 2025 10:27	SY/MD	Ok,M
6	Q3383-01	VY023525.D	21 Oct 2025 11:03	SY/MD	Ok
7	Q3382-01	VY023526.D	21 Oct 2025 11:26	SY/MD	Ok
8	Q3386-01RE	VY023527.D	21 Oct 2025 11:50	SY/MD	Confirms
9	Q3376-02	VY023528.D	21 Oct 2025 12:14	SY/MD	Ok
10	Q3393-03	VY023529.D	21 Oct 2025 12:38	SY/MD	Ok
11	Q3402-01	VY023530.D	21 Oct 2025 13:04	SY/MD	Ok
12	Q3402-04	VY023531.D	21 Oct 2025 13:48	SY/MD	Ok
13	Q3402-07	VY023532.D	21 Oct 2025 14:12	SY/MD	Ok
14	Q3402-10	VY023533.D	21 Oct 2025 14:35	SY/MD	Ok
15	Q3399-03	VY023534.D	21 Oct 2025 14:59	SY/MD	Ok
16	Q3410-02	VY023535.D	21 Oct 2025 15:22	SY/MD	Ok
17	Q3403-03	VY023536.D	21 Oct 2025 15:47	SY/MD	Ok
18	Q3406-01	VY023537.D	21 Oct 2025 16:10	SY/MD	Ok
19	Q3413-01	VY023538.D	21 Oct 2025 16:34	SY/MD	Not Ok
20	Q3412-03	VY023539.D	21 Oct 2025 16:57	SY/MD	Ok
21	Q3404-01	VY023540.D	21 Oct 2025 17:21	SY/MD	ReRun

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102125

Review By	John Carlone	Review On	10/24/2025 2:07:04 PM				
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 7:57:33 AM				
SubDirectory	VY102125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135871
Initial Calibration Stds	
CCC	VP135872,VP135873
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3395-03MS	VY023541.D	21 Oct 2025 17:44	SY/MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102125

Review By	John Carlone	Review On	10/24/2025 2:07:04 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 7:57:33 AM		
SubDirectory	VY102125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135871
Initial Calibration Stds	
CCC	VP135872,VP135873
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023520.D	21 Oct 2025 08:29		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023521.D	21 Oct 2025 09:05		SY/MD	Ok,M
3	VY1021SBL01	VY1021SBL01	VY023522.D	21 Oct 2025 09:34		SY/MD	Ok
4	VY1021SBS01	VY1021SBS01	VY023523.D	21 Oct 2025 10:04		SY/MD	Ok,M
5	VY1021SBSD01	VY1021SBSD01	VY023524.D	21 Oct 2025 10:27		SY/MD	Ok,M
6	Q3383-01	OR-03-101725	VY023525.D	21 Oct 2025 11:03	vial-B	SY/MD	Ok
7	Q3382-01	CENTRAL-AVE-TP	VY023526.D	21 Oct 2025 11:26	vial-B Internal Standard Fail	SY/MD	Ok
8	Q3386-01RE	237RE	VY023527.D	21 Oct 2025 11:50	vial-B Internal Standard Fail	SY/MD	Confirms
9	Q3376-02	PR132-DP01-20251016	VY023528.D	21 Oct 2025 12:14	vial-B	SY/MD	Ok
10	Q3393-03	PR132-S08-013038-20	VY023529.D	21 Oct 2025 12:38	vial-B	SY/MD	Ok
11	Q3402-01	41-LA	VY023530.D	21 Oct 2025 13:04	vial-A	SY/MD	Ok
12	Q3402-04	41-RA	VY023531.D	21 Oct 2025 13:48	vial-A	SY/MD	Ok
13	Q3402-07	41-LB	VY023532.D	21 Oct 2025 14:12	vial-A	SY/MD	Ok
14	Q3402-10	41-RB	VY023533.D	21 Oct 2025 14:35	vial-A	SY/MD	Ok
15	Q3399-03	COMP-ROLLOFF	VY023534.D	21 Oct 2025 14:59	vial-A	SY/MD	Ok
16	Q3410-02	VOC	VY023535.D	21 Oct 2025 15:22	vial-A	SY/MD	Ok
17	Q3403-03	MH-18-VOC	VY023536.D	21 Oct 2025 15:47	vial-A	SY/MD	Ok
18	Q3406-01	ARS20-0037	VY023537.D	21 Oct 2025 16:10	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102125

Review By	John Carlone	Review On	10/24/2025 2:07:04 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 7:57:33 AM		
SubDirectory	VY102125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135871
Initial Calibration Stds	
CCC	VP135872,VP135873
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3413-01	BP-VPB-184-GW-980-9	VY023538.D	21 Oct 2025 16:34	vial-A End CCC Missing	SY/MD	Not Ok
20	Q3412-03	TP-6-VOC	VY023539.D	21 Oct 2025 16:57	vial-A	SY/MD	Ok
21	Q3404-01	MOO-25-0285-0288	VY023540.D	21 Oct 2025 17:21	vial-A Internal standard fail	SY/MD	ReRun
22	Q3395-03MS	PR132-S07-000102-20	VY023541.D	21 Oct 2025 17:44	vial-B Internal Standard Fail	SY/MD	Not Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-03	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			VOC-TCLVOA-10	8260D			10/21/25	
Q3399-04	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP VOA	8260D			10/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:									
				0					

Total Voc :

Total Concentration:

SAMPLE DATA

Raw Data: **VX048300.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-04	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	5.00	ug/L	10/22/25 15:50	VX102225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	5.00	ug/L	10/22/25 15:50	VX102225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	25.0	ug/L	10/22/25 15:50	VX102225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	5.00	ug/L	10/22/25 15:50	VX102225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	5.00	ug/L	10/22/25 15:50	VX102225
71-43-2	Benzene	0.50	U	1	0.15	0.50	5.00	ug/L	10/22/25 15:50	VX102225
107-06-2	1,2-Dichloroethane	0.75	U	1	0.22	0.75	5.00	ug/L	10/22/25 15:50	VX102225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	5.00	ug/L	10/22/25 15:50	VX102225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	5.00	ug/L	10/22/25 15:50	VX102225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	5.00	ug/L	10/22/25 15:50	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.0			81 - 118		102%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.7			80 - 119		87%	SPK: 50		
2037-26-5	Toluene-d8	41.4	*		89 - 112		83%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.2			85 - 114		92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	156000								
540-36-3	1,4-Difluorobenzene	307000								
3114-55-4	Chlorobenzene-d5	274000								
3855-82-1	1,4-Dichlorobenzene-d4	141000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VX048343.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFRE	SDG No.:	Q3399
Lab Sample ID:	Q3399-04RE	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	UQ	1	0.26	0.75	5.00	ug/L	10/24/25 11:03	vx102425
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	5.00	ug/L	10/24/25 11:03	vx102425
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	25.0	ug/L	10/24/25 11:03	vx102425
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	5.00	ug/L	10/24/25 11:03	vx102425
67-66-3	Chloroform	0.50	U	1	0.25	0.50	5.00	ug/L	10/24/25 11:03	vx102425
71-43-2	Benzene	0.50	U	1	0.15	0.50	5.00	ug/L	10/24/25 11:03	vx102425
107-06-2	1,2-Dichloroethane	0.75	U	1	0.22	0.75	5.00	ug/L	10/24/25 11:03	vx102425
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	5.00	ug/L	10/24/25 11:03	vx102425
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	5.00	ug/L	10/24/25 11:03	vx102425
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	5.00	ug/L	10/24/25 11:03	vx102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.5			81 - 118		109%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.9			80 - 119		80%	SPK: 50		
2037-26-5	Toluene-d8	47.1			89 - 112		94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.4			85 - 114		101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	137000								
540-36-3	1,4-Difluorobenzene	271000								
3114-55-4	Chlorobenzene-d5	270000								
3855-82-1	1,4-Dichlorobenzene-d4	124000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3399-04	COMP-ROLLOFF	1,2-Dichloroethane-d4	50	51.0	102		81	118
		Dibromofluoromethane	50	43.7	87		80	119
		Toluene-d8	50	41.4	83	*	89	112
		4-Bromofluorobenzene	50	46.2	92		85	114
Q3399-04RE	COMP-ROLLOFFRE	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	39.9	80		80	119
		Toluene-d8	50	47.1	94		89	112
		4-Bromofluorobenzene	50	50.4	101		85	114

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
VX1022WBL01	VX1022WBL01	1,2-Dichloroethane-d4	50	50.7	101		81	118
		Dibromofluoromethane	50	49.1	98		80	119
		Toluene-d8	50	47.7	95		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1022WBS01	VX1022WBS01	1,2-Dichloroethane-d4	50	50.2	100		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	50.7	101		89	112
		4-Bromofluorobenzene	50	52.4	105		85	114
VX1022WBSD0	VX1022WBSD01	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	49.4	99		85	114
VX1024WBL01	VX1024WBL01	1,2-Dichloroethane-d4	50	52.2	104		81	118
		Dibromofluoromethane	50	39.0	78	*	80	119
		Toluene-d8	50	43.1	86	*	89	112
		4-Bromofluorobenzene	50	42.7	85		85	114
VX1024WBS01	VX1024WBS01	1,2-Dichloroethane-d4	50	51.3	103		81	118
		Dibromofluoromethane	50	41.6	83		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	48.3	97		85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260-Low

Client: ICE Service Group, Inc. **Datafile :** VX048283.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1022WBS01	Vinyl chloride	20	16.4	ug/L	82			58	137	
	1,1-Dichloroethene	20	18.3	ug/L	92			71	131	
	2-Butanone	100	88.7	ug/L	89			56	143	
	Carbon Tetrachloride	20	18.9	ug/L	95			72	136	
	Chloroform	20	19.4	ug/L	97			79	124	
	Benzene	20	18.9	ug/L	95			79	120	
	1,2-Dichloroethane	20	20.4	ug/L	102			73	128	
	Trichloroethene	20	19.3	ug/L	97			79	123	
	Tetrachloroethene	20	17.9	ug/L	90			74	129	
	Chlorobenzene	20	19.3	ug/L	97			82	118	

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260-Low

Client: ICE Service Group, Inc. **Datafile :** VX048284.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1022WBSD01	Vinyl chloride	20	17.8	ug/L	89	8		58	137	20
	1,1-Dichloroethene	20	17.0	ug/L	85	8		71	131	20
	2-Butanone	100	88.8	ug/L	89	0		56	143	20
	Carbon Tetrachloride	20	18.3	ug/L	92	3		72	136	20
	Chloroform	20	19.2	ug/L	96	1		79	124	20
	Benzene	20	18.6	ug/L	93	2		79	120	20
	1,2-Dichloroethane	20	19.6	ug/L	98	4		73	128	20
	Trichloroethene	20	18.8	ug/L	94	3		79	123	20
	Tetrachloroethene	20	18.3	ug/L	92	2		74	129	20
	Chlorobenzene	20	19.1	ug/L	96	1		82	118	20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260-Low

Client: ICE Service Group, Inc. **Datafile :** VX048341.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1024WBS01	Vinyl chloride	20	27.8	ug/L	139		*	58	137	
	1,1-Dichloroethene	20	20.7	ug/L	104			71	131	
	2-Butanone	100	84.6	ug/L	85			56	143	
	Carbon Tetrachloride	20	18.5	ug/L	93			72	136	
	Chloroform	20	20.8	ug/L	104			79	124	
	Benzene	20	20.2	ug/L	101			79	120	
	1,2-Dichloroethane	20	21.0	ug/L	105			73	128	
	Trichloroethene	20	19.2	ug/L	96			79	123	
	Tetrachloroethene	20	20.9	ug/L	104			74	129	
	Chlorobenzene	20	19.8	ug/L	99			82	118	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1022WBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048282.D Lab Sample ID: VX1022WBL01

Date Analyzed: 10/22/2025 Time Analyzed: 09:26

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1022WBS01	VX1022WBS01	VX048283.D	10/22/2025
VX1022WBSD01	VX1022WBSD01	VX048284.D	10/22/2025
COMP-ROLLOFF	Q3399-04	VX048300.D	10/22/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1024WBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048340.D Lab Sample ID: VX1024WBL01

Date Analyzed: 10/24/2025 Time Analyzed: 09:48

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1024WBS01	VX1024WBS01	VX048341.D	10/24/2025
COMP-ROLLOFFRE	Q3399-04RE	VX048343.D	10/24/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VX048226.D | BFB Injection Date: 10/20/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:15

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	73.8 (96.4) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048229.D	10/20/2025	10:59
VSTDICC020	VSTDICC020	VX048231.D	10/20/2025	11:40
VSTDICCC050	VSTDICCC050	VX048232.D	10/20/2025	12:01
VSTDICC100	VSTDICC100	VX048233.D	10/20/2025	12:22
VSTDICC150	VSTDICC150	VX048234.D	10/20/2025	12:43
VSTDICC005	VSTDICC005	VX048236.D	10/20/2025	13:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VX048279.D | BFB Injection Date: 10/22/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:07

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.4
75	30.0 - 60.0% of mass 95	53.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	77.5
175	5.0 - 9.0% of mass 174	6.4 (8.3) 1
176	95.0 - 101.0% of mass 174	73.9 (95.4) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048280.D	10/22/2025	08:37
VX1022WBL01	VX1022WBL01	VX048282.D	10/22/2025	09:26
VX1022WBS01	VX1022WBS01	VX048283.D	10/22/2025	09:53
VX1022WBSD01	VX1022WBSD01	VX048284.D	10/22/2025	10:18
COMP-ROLLOFF	Q3399-04	VX048300.D	10/22/2025	15:50
VSTDCCC050EC	VSTDCCC050	VX048308.D	10/22/2025	18:36

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VX048338.D | BFB Injection Date: 10/24/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:19

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 60.0% of mass 95	54.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.8
175	5.0 - 9.0% of mass 174	5.6 (7.8) 1
176	95.0 - 101.0% of mass 174	71.6 (98.4) 1
177	5.0 - 9.0% of mass 176	4.8 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048339.D	10/24/2025	09:16
VX1024WBL01	VX1024WBL01	VX048340.D	10/24/2025	09:48
VX1024WBS01	VX1024WBS01	VX048341.D	10/24/2025	10:15
COMP-ROLLOFFRE	Q3399-04RE	VX048343.D	10/24/2025	11:03
VSTDCCC050EC	VSTDCCC050	VX048353.D	10/24/2025	15:49

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048280.D Date Analyzed: 10/22/2025

Instrument ID: MSVOA_X Time Analyzed: 08:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	112883	5.53	171616	6.74	151325	10.04
UPPER LIMIT	225766	6.031	343232	7.239	302650	10.537
LOWER LIMIT	56441.5	5.031	85808	6.239	75662.5	9.537
EPA SAMPLE NO.						
COMP-ROLLOFF	155579	5.54	306649	6.75	274083	10.04
VX1022WBL01	97887	5.54	185129	6.75	199062	10.04
VX1022WBS01	115938	5.54	185153	6.75	172449	10.04
VX1022WBSD01	120104	5.53	195961	6.75	180624	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048280.D Date Analyzed: 10/22/2025

Instrument ID: MSVOA_X Time Analyzed: 08:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	76595	12				
UPPER LIMIT	153190	12.5				
LOWER LIMIT	38297.5	11.5				
EPA SAMPLE NO.						
COMP-ROLLOFF	141254	12.01				
VX1022WBL01	99844	12.01				
VX1022WBS01	91086	12.01				
VX1022WBSD01	92297	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048339.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	125053	5.53	210685	6.74	187763	10.04
UPPER LIMIT	250106	6.031	421370	7.239	375526	10.537
LOWER LIMIT	62526.5	5.031	105343	6.239	93881.5	9.537
EPA SAMPLE NO.						
COMP-ROLLOFFRE	137283	5.54	270507	6.75	270324	10.04
VX1024WBL01	90540	5.53	176490	6.74	165587	10.04
VX1024WBS01	145979	5.53	238661	6.74	208902	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048339.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	93479	12.006				
UPPER LIMIT	186958	12.506				
LOWER LIMIT	46739.5	11.506				
EPA SAMPLE NO.						
COMP-ROLLOFFRE	123520	12.01				
VX1024WBL01	72164	12.01				
VX1024WBS01	103563	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **VX048282.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1022WBL01	SDG No.:	Q3399
Lab Sample ID:	VX1022WBL01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/22/25 09:26	VX102225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/22/25 09:26	VX102225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/22/25 09:26	VX102225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/22/25 09:26	VX102225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/22/25 09:26	VX102225
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/22/25 09:26	VX102225
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/22/25 09:26	VX102225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/22/25 09:26	VX102225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/22/25 09:26	VX102225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/22/25 09:26	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.7			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.1			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	47.7			89 - 112		95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	97900								
540-36-3	1,4-Difluorobenzene	185000								
3114-55-4	Chlorobenzene-d5	199000								
3855-82-1	1,4-Dichlorobenzene-d4	99800								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VX048340.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1024WBL01	SDG No.:	Q3399
Lab Sample ID:	VX1024WBL01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/24/25 09:48	VX102425
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/24/25 09:48	VX102425
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/24/25 09:48	VX102425
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/24/25 09:48	VX102425
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/24/25 09:48	VX102425
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/24/25 09:48	VX102425
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/24/25 09:48	VX102425
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/24/25 09:48	VX102425
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/24/25 09:48	VX102425
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/24/25 09:48	VX102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.2			81 - 118		104%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.0	*		80 - 119		78%	SPK: 50		
2037-26-5	Toluene-d8	43.1	*		89 - 112		86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.7			85 - 114		85%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	90500								
540-36-3	1,4-Difluorobenzene	176000								
3114-55-4	Chlorobenzene-d5	166000								
3855-82-1	1,4-Dichlorobenzene-d4	72200								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VX048283.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1022WBS01	SDG No.:	Q3399
Lab Sample ID:	VX1022WBS01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	16.4		1	0.26	0.75	1.00	ug/L	10/22/25 09:53	VX102225
75-35-4	1,1-Dichloroethene	18.3		1	0.23	0.75	1.00	ug/L	10/22/25 09:53	VX102225
78-93-3	2-Butanone	88.7		1	0.98	2.50	5.00	ug/L	10/22/25 09:53	VX102225
56-23-5	Carbon Tetrachloride	18.9		1	0.25	0.50	1.00	ug/L	10/22/25 09:53	VX102225
67-66-3	Chloroform	19.4		1	0.25	0.50	1.00	ug/L	10/22/25 09:53	VX102225
71-43-2	Benzene	18.9		1	0.15	0.50	1.00	ug/L	10/22/25 09:53	VX102225
107-06-2	1,2-Dichloroethane	20.4		1	0.22	0.50	1.00	ug/L	10/22/25 09:53	VX102225
79-01-6	Trichloroethene	19.3		1	0.090	0.75	1.00	ug/L	10/22/25 09:53	VX102225
127-18-4	Tetrachloroethene	17.9		1	0.23	0.50	1.00	ug/L	10/22/25 09:53	VX102225
108-90-7	Chlorobenzene	19.3		1	0.12	0.50	1.00	ug/L	10/22/25 09:53	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.2			81 - 118		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			80 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	50.7			89 - 112		101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.4			85 - 114		105%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	116000								
540-36-3	1,4-Difluorobenzene	185000								
3114-55-4	Chlorobenzene-d5	172000								
3855-82-1	1,4-Dichlorobenzene-d4	91100								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VX048341.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	VX1024WBS01			SDG No.:	Q3399
Lab Sample ID:	VX1024WBS01			Matrix:	TCLP
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	27.8		1	0.26	0.75	1.00	ug/L	10/24/25 10:15	VX102425
75-35-4	1,1-Dichloroethene	20.7		1	0.23	0.75	1.00	ug/L	10/24/25 10:15	VX102425
78-93-3	2-Butanone	84.6		1	0.98	2.50	5.00	ug/L	10/24/25 10:15	VX102425
56-23-5	Carbon Tetrachloride	18.5		1	0.25	0.50	1.00	ug/L	10/24/25 10:15	VX102425
67-66-3	Chloroform	20.8		1	0.25	0.50	1.00	ug/L	10/24/25 10:15	VX102425
71-43-2	Benzene	20.2		1	0.15	0.50	1.00	ug/L	10/24/25 10:15	VX102425
107-06-2	1,2-Dichloroethane	21.0		1	0.22	0.50	1.00	ug/L	10/24/25 10:15	VX102425
79-01-6	Trichloroethene	19.2		1	0.090	0.75	1.00	ug/L	10/24/25 10:15	VX102425
127-18-4	Tetrachloroethene	20.9		1	0.23	0.50	1.00	ug/L	10/24/25 10:15	VX102425
108-90-7	Chlorobenzene	19.8		1	0.12	0.50	1.00	ug/L	10/24/25 10:15	VX102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.3			81 - 118		103%	SPK: 50		
1868-53-7	Dibromofluoromethane	41.6			80 - 119		83%	SPK: 50		
2037-26-5	Toluene-d8	49.6			89 - 112		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			85 - 114		97%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	146000								
540-36-3	1,4-Difluorobenzene	239000								
3114-55-4	Chlorobenzene-d5	209000								
3855-82-1	1,4-Dichlorobenzene-d4	104000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **VX048284.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1022WBSD01	SDG No.:	Q3399
Lab Sample ID:	VX1022WBSD01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	17.8		1	0.26	0.75	1.00	ug/L	10/22/25 10:18	VX102225
75-35-4	1,1-Dichloroethene	17.0		1	0.23	0.75	1.00	ug/L	10/22/25 10:18	VX102225
78-93-3	2-Butanone	88.8		1	0.98	2.50	5.00	ug/L	10/22/25 10:18	VX102225
56-23-5	Carbon Tetrachloride	18.3		1	0.25	0.50	1.00	ug/L	10/22/25 10:18	VX102225
67-66-3	Chloroform	19.2		1	0.25	0.50	1.00	ug/L	10/22/25 10:18	VX102225
71-43-2	Benzene	18.6		1	0.15	0.50	1.00	ug/L	10/22/25 10:18	VX102225
107-06-2	1,2-Dichloroethane	19.6		1	0.22	0.50	1.00	ug/L	10/22/25 10:18	VX102225
79-01-6	Trichloroethene	18.8		1	0.090	0.75	1.00	ug/L	10/22/25 10:18	VX102225
127-18-4	Tetrachloroethene	18.3		1	0.23	0.50	1.00	ug/L	10/22/25 10:18	VX102225
108-90-7	Chlorobenzene	19.1		1	0.12	0.50	1.00	ug/L	10/22/25 10:18	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.3			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.3			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	49.2			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.4			85 - 114		99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	120000								
540-36-3	1,4-Difluorobenzene	196000								
3114-55-4	Chlorobenzene-d5	181000								
3855-82-1	1,4-Dichlorobenzene-d4	92300								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: MSVOA_X Calibration Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048229.D RRF020 = VX048231.D RRF050 = VX048232.D
RRF100 = VX048233.D RRF150 = VX048234.D RRF005 = VX048236.D

COMPOUND	RRF001	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
Vinyl Chloride	0.447	0.437	0.416	0.462	0.445	0.458	0.444	3.7
1,1-Dichloroethene	0.515	0.548	0.485	0.558	0.531	0.514	0.525	5
2-Butanone	0.311	0.329	0.281	0.301	0.290	0.315	0.304	5.7
Carbon Tetrachloride	0.650	0.594	0.553	0.604	0.567	0.622	0.599	5.9
Chloroform	1.147	1.208	1.046	1.127	1.067	1.143	1.123	5.2
Benzene	1.493	1.480	1.301	1.426	1.347	1.405	1.409	5.3
1,2-Dichloroethane	0.529	0.566	0.500	0.528	0.496	0.499	0.520	5.2
Trichloroethene	0.400	0.373	0.348	0.380	0.363	0.366	0.372	4.7
Tetrachloroethene	0.418	0.378	0.328	0.370	0.361	0.385	0.373	7.9
Chlorobenzene	1.149	1.159	1.045	1.148	1.102	1.145	1.125	3.9
1,2-Dichloroethane-d4		0.709	0.682	0.690	0.698	0.725	0.701	2.4
Dibromofluoromethane		0.345	0.330	0.346	0.348	0.338	0.341	2.2
Toluene-d8		1.185	1.185	1.196	1.195	1.221	1.196	1.2
4-Bromofluorobenzene		0.445	0.444	0.446	0.441	0.500	0.455	5.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG No.: Q3399
Instrument ID: MSVOA_X
Calibration Date/Time: 10/22/2025 08:37
Lab File ID: VX048280.D
Init. Calib. Date(s): 10/20/2025 10/20/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 10:59 13:49
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.420		-5.41	20
1,1-Dichloroethene	0.525	0.556		5.91	20
2-Butanone	0.304	0.297		-2.3	20
Carbon Tetrachloride	0.599	0.685		14.36	20
Chloroform	1.123	1.158		3.12	20
Benzene	1.409	1.476		4.76	20
1,2-Dichloroethane	0.520	0.586		12.69	20
Trichloroethene	0.372	0.403		8.33	20
Tetrachloroethene	0.373	0.399		6.97	20
Chlorobenzene	1.125	1.207	0.3	7.29	20
1,2-Dichloroethane-d4	0.701	0.677		-3.42	20
Dibromofluoromethane	0.341	0.353		3.52	20
Toluene-d8	1.196	1.188		-0.67	20
4-Bromofluorobenzene	0.455	0.440		-3.3	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: MSVOA_X Calibration Date/Time: 10/22/2025 18:36

Lab File ID: VX048308.D Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.551		24.1	50
1,1-Dichloroethene	0.525	0.380		-27.62	50
2-Butanone	0.304	0.276		-9.21	50
Carbon Tetrachloride	0.599	0.488		-18.53	50
Chloroform	1.123	1.031		-8.19	50
Benzene	1.409	1.296		-8.02	50
1,2-Dichloroethane	0.520	0.475		-8.65	50
Trichloroethene	0.372	0.354		-4.84	50
Tetrachloroethene	0.373	0.382		2.41	50
Chlorobenzene	1.125	1.011	0.3	-10.13	50
1,2-Dichloroethane-d4	0.701	0.593		-15.41	50
Dibromofluoromethane	0.341	0.295		-13.49	50
Toluene-d8	1.196	1.171		-2.09	50
4-Bromofluorobenzene	0.455	0.303		-33.41	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG No.: Q3399
Instrument ID: MSVOA_X
Calibration Date/Time: 10/24/2025 09:16
Lab File ID: VX048339.D
Init. Calib. Date(s): 10/20/2025 10/20/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 10:59 13:49
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.627		41.22	20
1,1-Dichloroethene	0.525	0.572		8.95	20
2-Butanone	0.304	0.271		-10.85	20
Carbon Tetrachloride	0.599	0.550		-8.18	20
Chloroform	1.123	1.261		12.29	20
Benzene	1.409	1.480		5.04	20
1,2-Dichloroethane	0.520	0.592		13.85	20
Trichloroethene	0.372	0.374		0.54	20
Tetrachloroethene	0.373	0.372		-0.27	20
Chlorobenzene	1.125	1.142	0.3	1.51	20
1,2-Dichloroethane-d4	0.701	0.754		7.56	20
Dibromofluoromethane	0.341	0.277		-18.77	20
Toluene-d8	1.196	1.133		-5.27	20
4-Bromofluorobenzene	0.455	0.434		-4.61	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: MSVOA_X Calibration Date/Time: 10/24/2025 15:49

Lab File ID: VX048353.D Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.606		36.49	50
1,1-Dichloroethene	0.525	0.541		3.05	50
2-Butanone	0.304	0.265		-12.83	50
Carbon Tetrachloride	0.599	0.525		-12.35	50
Chloroform	1.123	1.134		0.98	50
Benzene	1.409	1.352		-4.05	50
1,2-Dichloroethane	0.520	0.518		-0.38	50
Trichloroethene	0.372	0.346		-6.99	50
Tetrachloroethene	0.373	0.355		-4.83	50
Chlorobenzene	1.125	1.054	0.3	-6.31	50
1,2-Dichloroethane-d4	0.701	0.681		-2.85	50
Dibromofluoromethane	0.341	0.269		-21.11	50
Toluene-d8	1.196	1.117		-6.61	50
4-Bromofluorobenzene	0.455	0.412		-9.45	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048300.D
Acq On : 22 Oct 2025 15:50
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

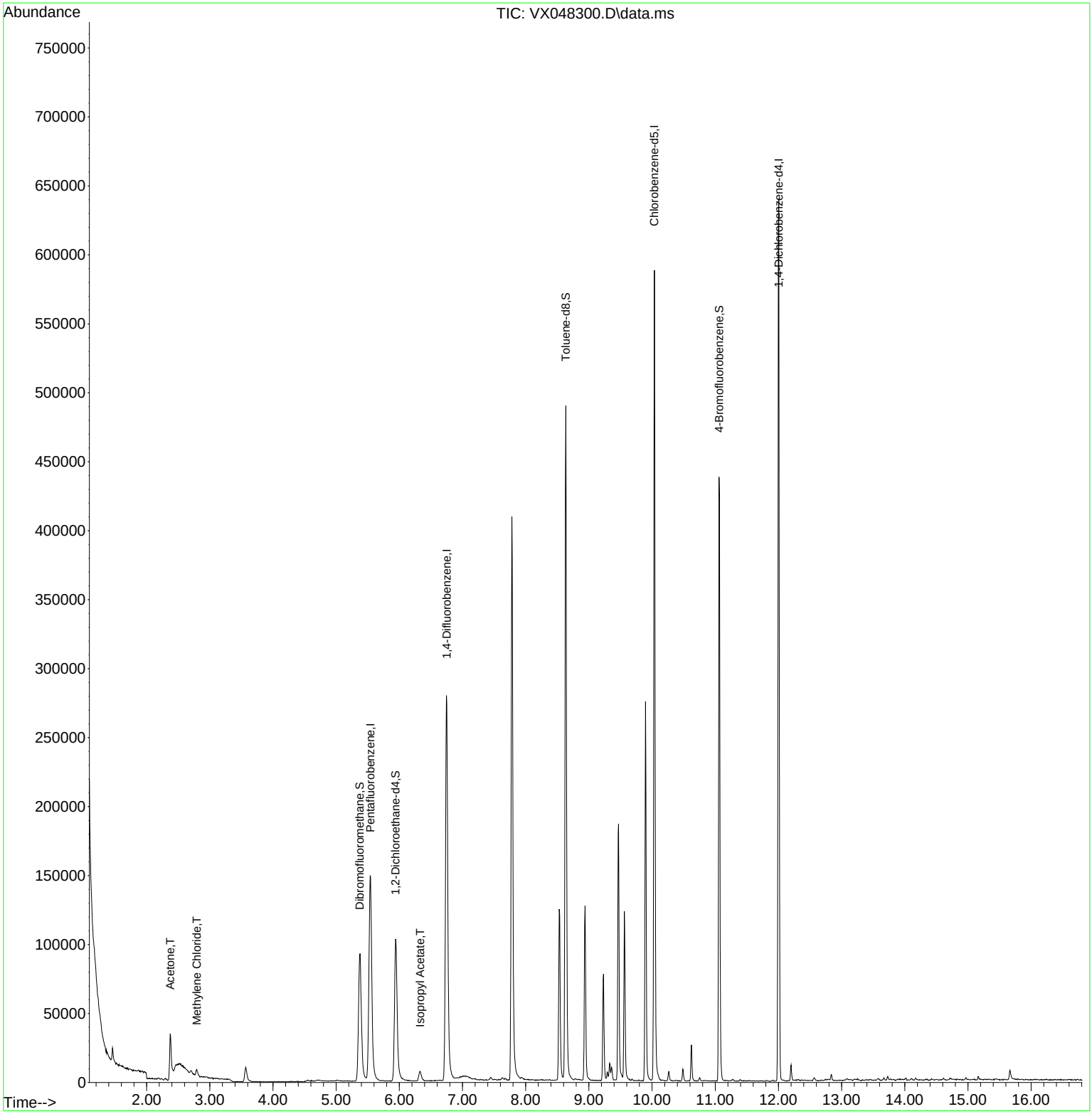
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	155579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	306649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111265	51.008	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.373	113	91463	43.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.380%			
50) Toluene-d8	8.635	98	303466	41.356	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 82.720%#			
62) 4-Bromofluorobenzene	11.061	95	128881	46.169	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.340%			
Target Compounds						Qvalue
16) Acetone	2.373	43	47589	63.594	ug/l	94
20) Methylene Chloride	2.794	84	2353	1.290	ug/l #	77
43) Isopropyl Acetate	6.330	43	11664	2.879	ug/l	97

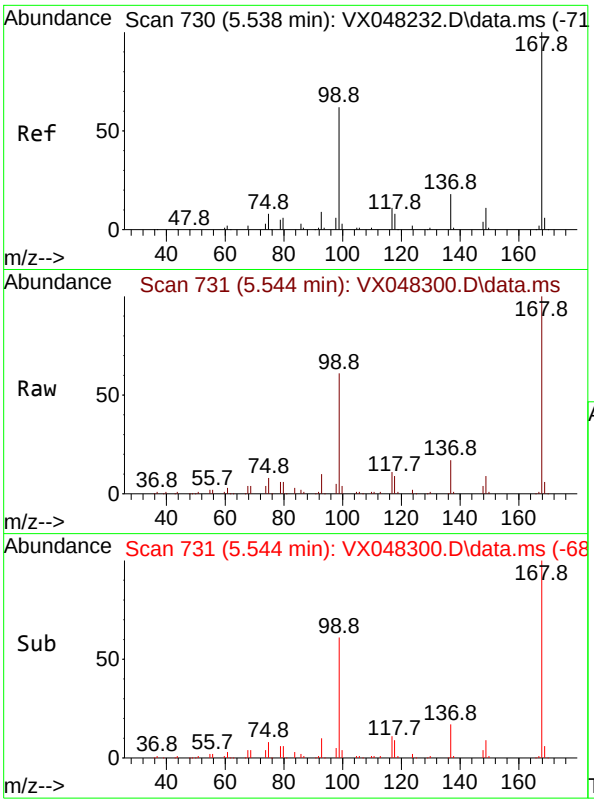
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048300.D
Acq On : 22 Oct 2025 15:50
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 23 14:28:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



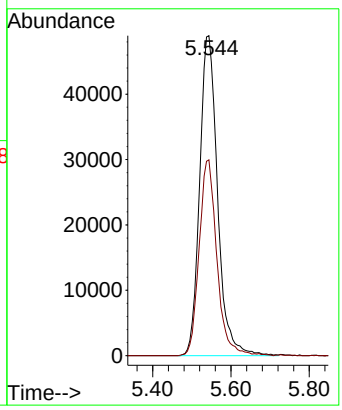


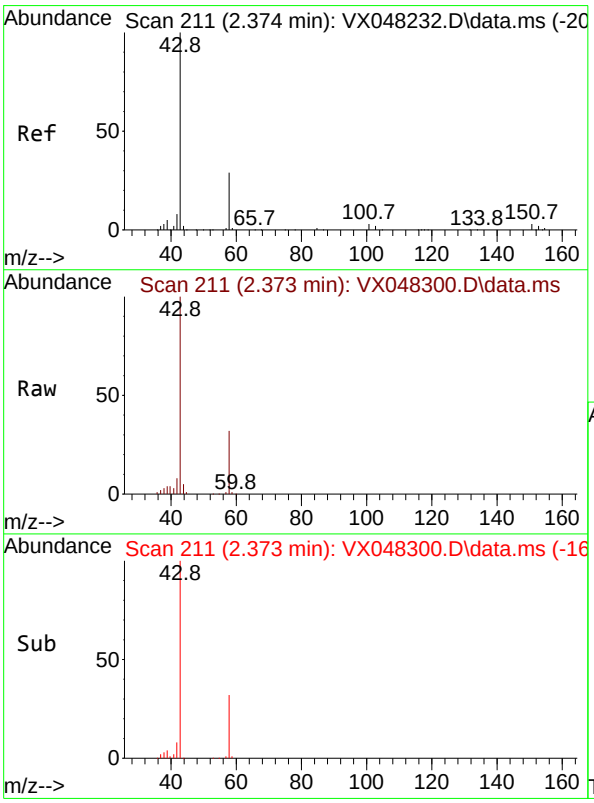
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:168 Resp: 155579

Ion	Ratio	Lower	Upper
168	100		
99	61.2	46.4	69.6

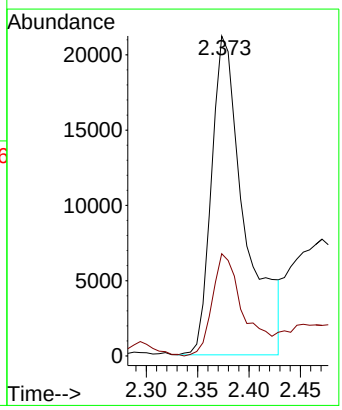


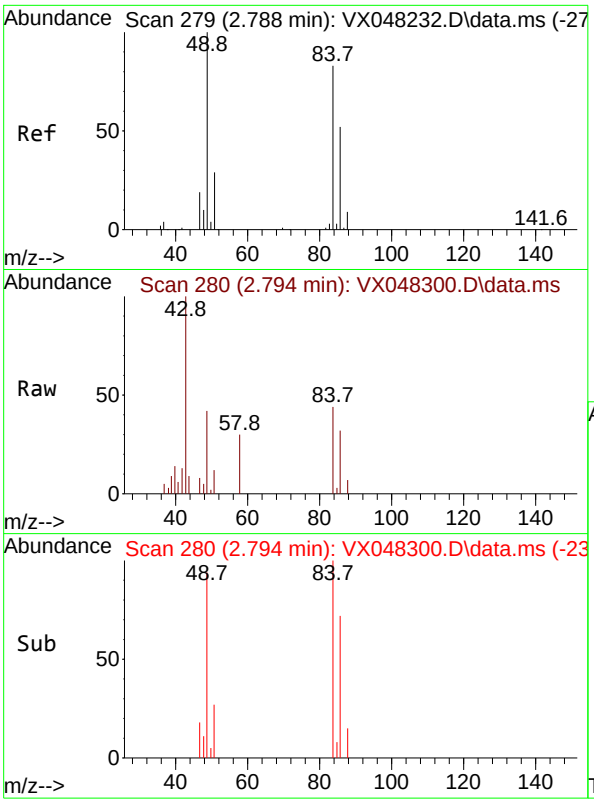


#16
Acetone
Concen: 63.594 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 43 Resp: 47589

Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.4	35.2



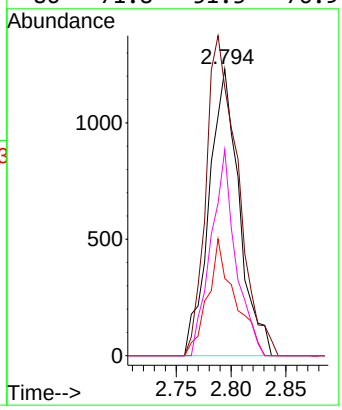


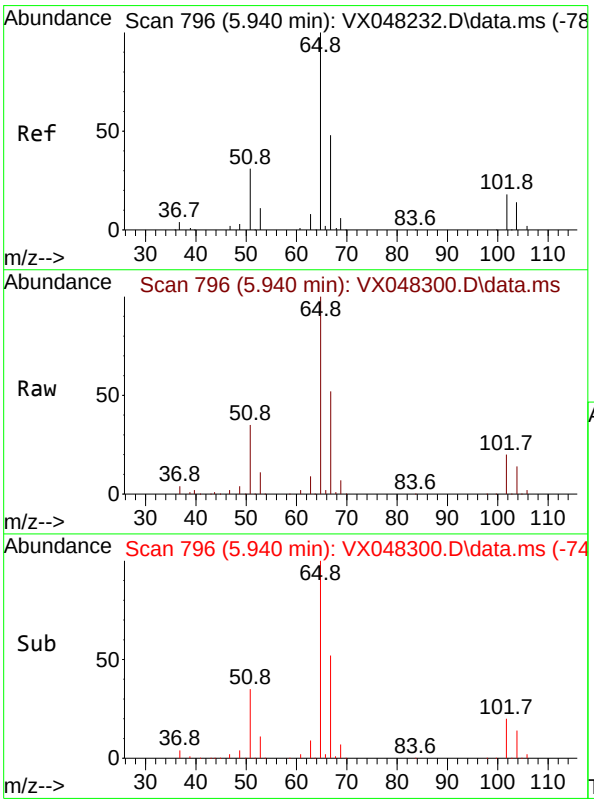
#20
Methylene Chloride
Concen: 1.290 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 84 Resp: 2353

Ion	Ratio	Lower	Upper
84	100		
49	93.7	104.1	156.1#
51	27.0	31.3	46.9#
86	71.8	51.3	76.9

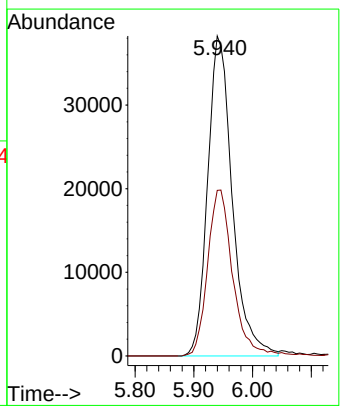


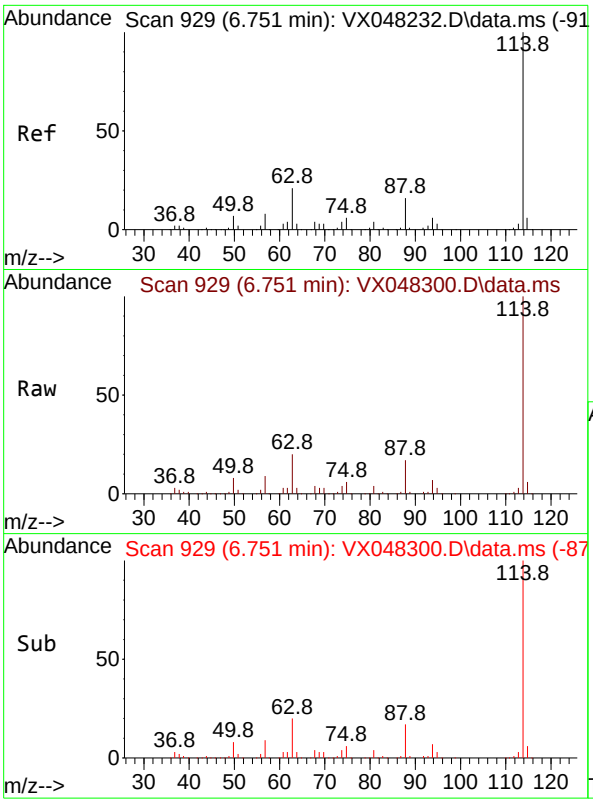


#33
1,2-Dichloroethane-d4
Concen: 51.008 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 65 Resp: 111265

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0



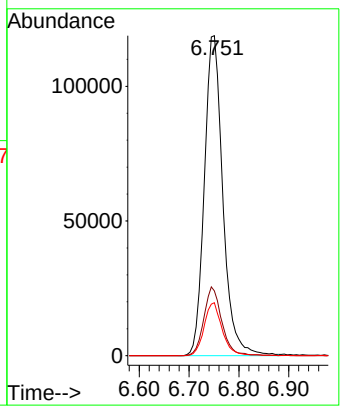


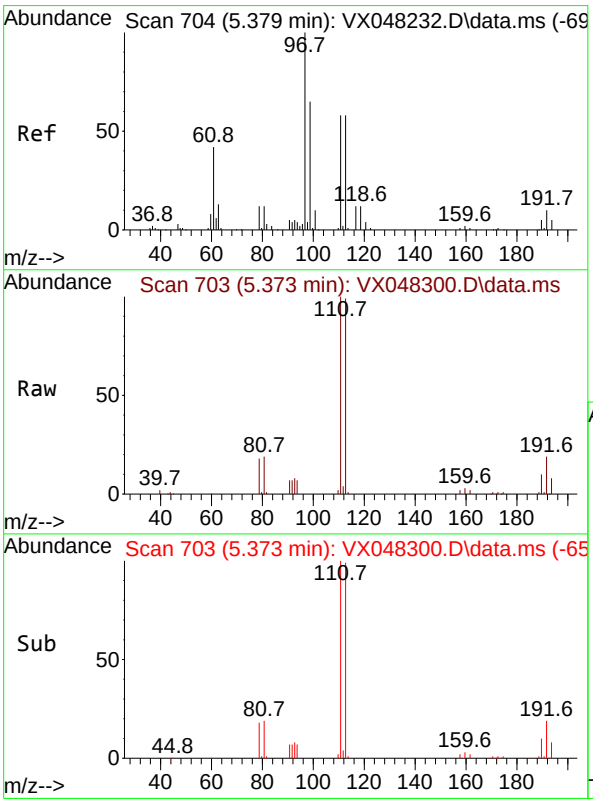
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:114 Resp: 306649

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.2
88	16.5	0.0	33.6

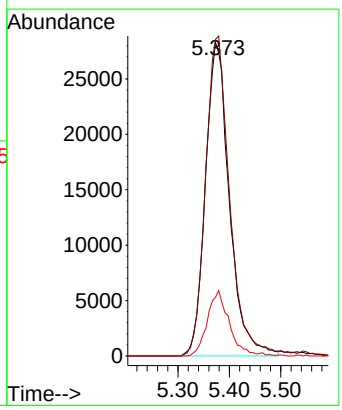


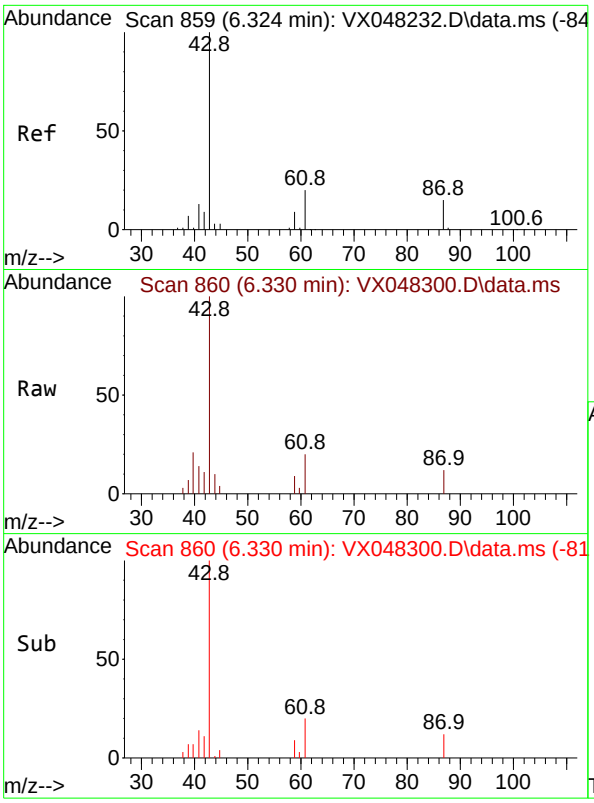


#35
Dibromofluoromethane
Concen: 43.690 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion:113 Resp: 91463

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	19.1	15.1	22.7



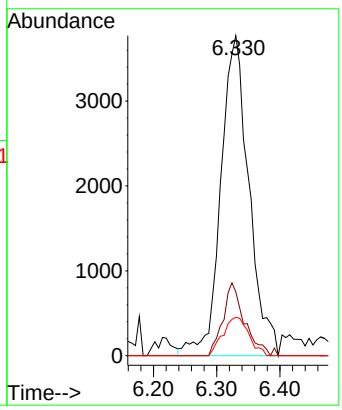


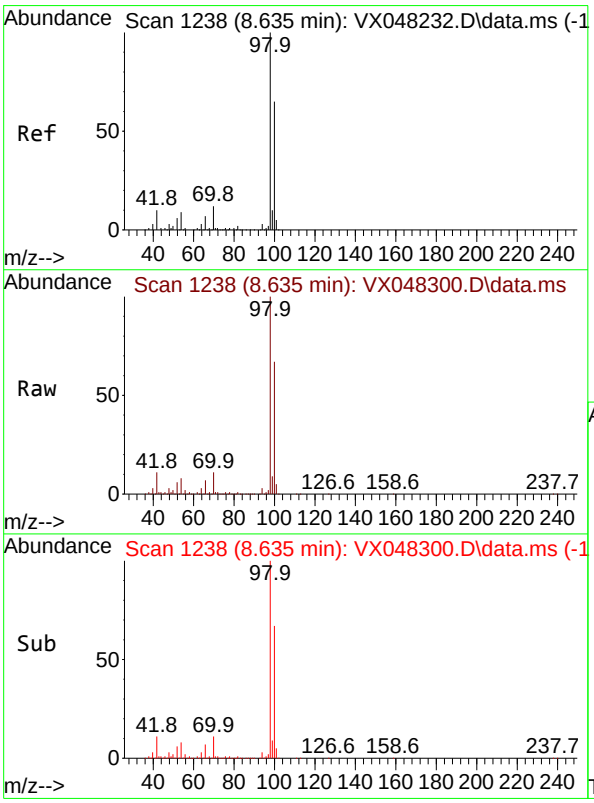
#43
Isopropyl Acetate
Concen: 2.879 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 43 Resp: 11664

Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.9	22.3
87	11.0	9.4	14.2

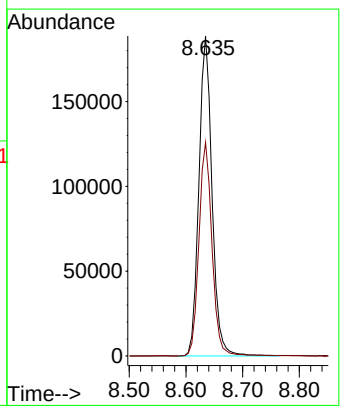


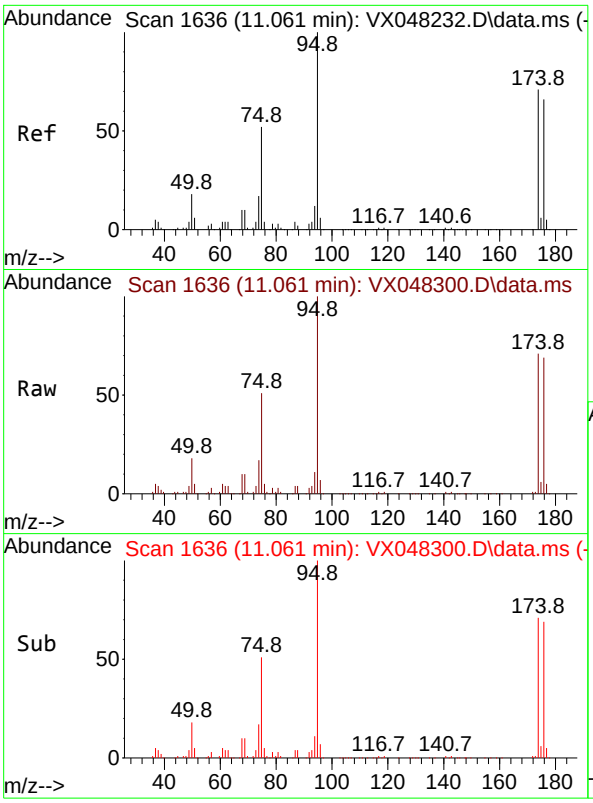


#50
Toluene-d8
Concen: 41.356 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion: 98 Resp: 303466

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



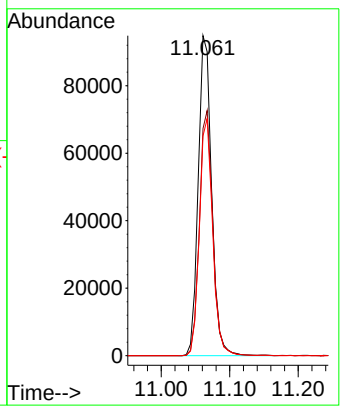


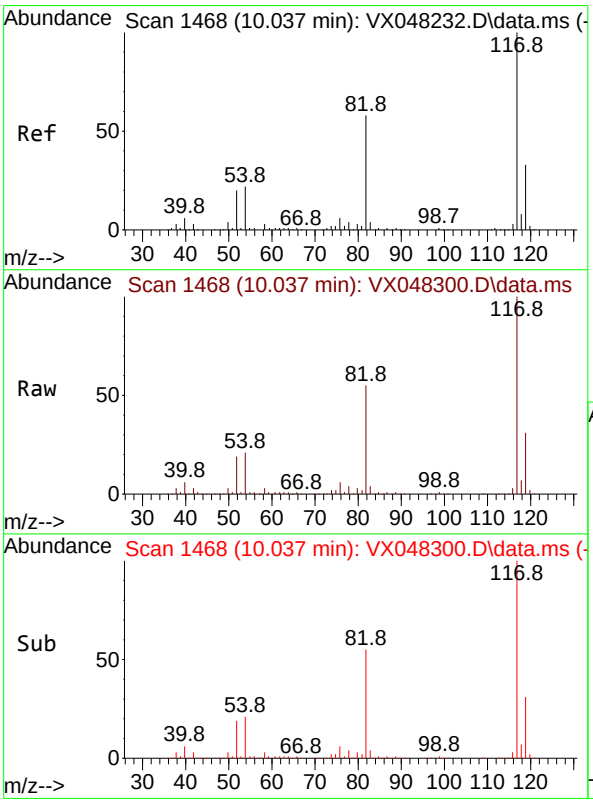
#62
4-Bromofluorobenzene
Concen: 46.169 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 95 Resp: 128881

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	147.8
176	73.6	0.0	142.8

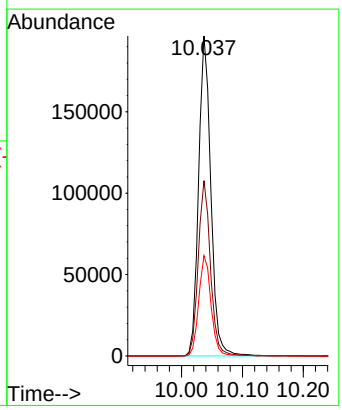


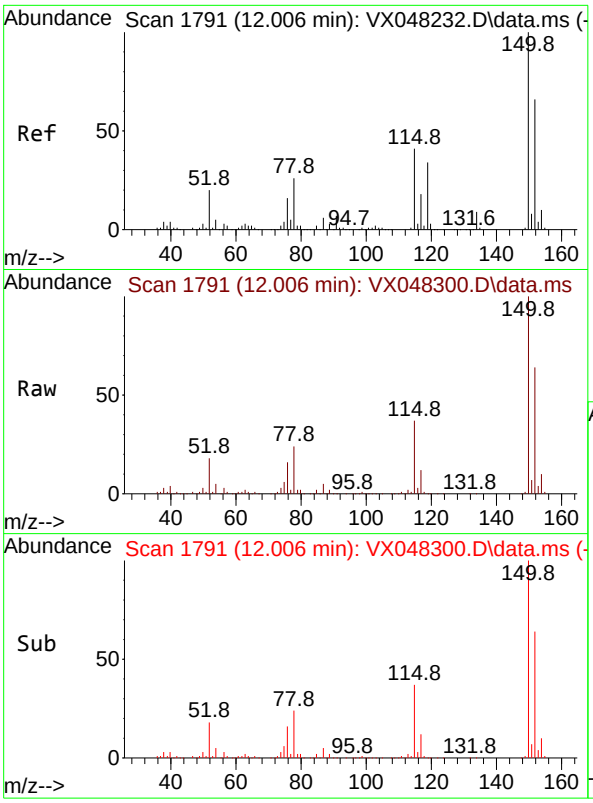


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Tgt Ion:117 Resp: 274083

Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.5	69.7
119	31.4	25.9	38.9



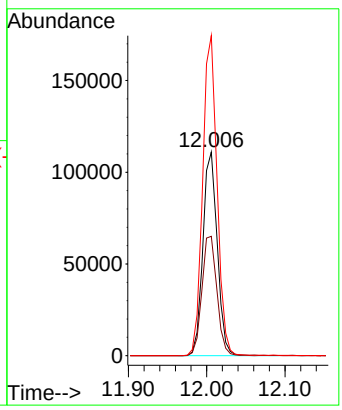


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048300.D
Acq: 22 Oct 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:152 Resp: 141254

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.1	129.4
150	157.5	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048343.D
Acq On : 24 Oct 2025 11:03
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 24 23:02:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

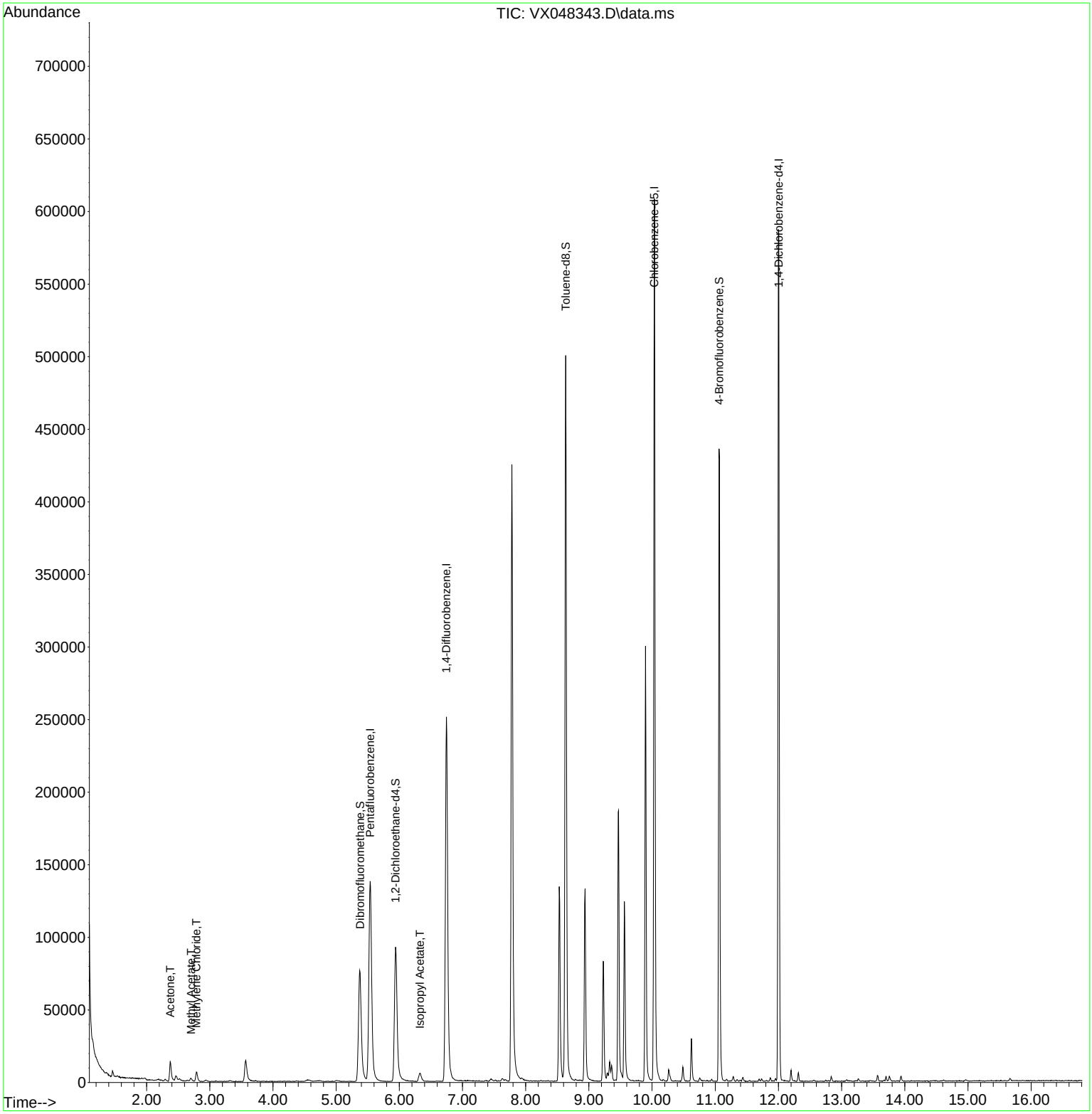
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	137283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	270507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104937	54.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.040%			
35) Dibromofluoromethane	5.379	113	73601	39.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.700%			
50) Toluene-d8	8.635	98	305004	47.119	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.240%			
62) 4-Bromofluorobenzene	11.061	95	124188	50.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.860%			
Target Compounds						Qvalue
16) Acetone	2.374	43	18583	28.142	ug/l	95
18) Methyl Acetate	2.703	43	3602	2.612	ug/l #	90
20) Methylene Chloride	2.788	84	3286	2.042	ug/l	90
43) Isopropyl Acetate	6.324	43	9305	2.604	ug/l	98

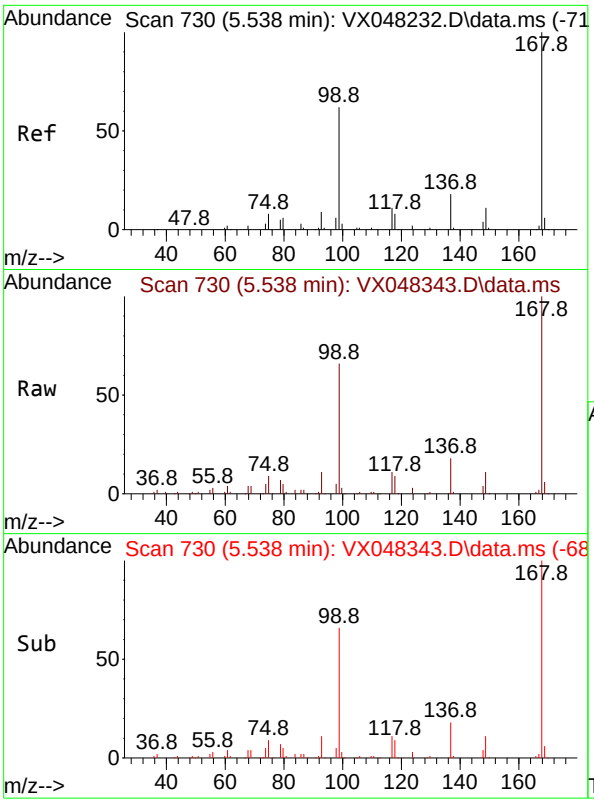
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048343.D
Acq On : 24 Oct 2025 11:03
Operator : JC/MD
Sample : Q3399-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 24 23:02:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



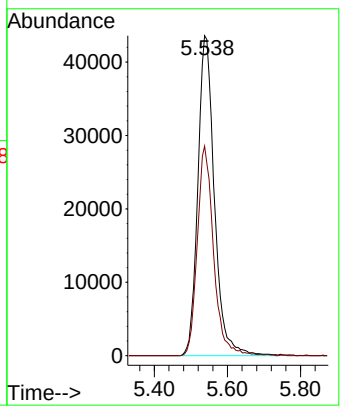


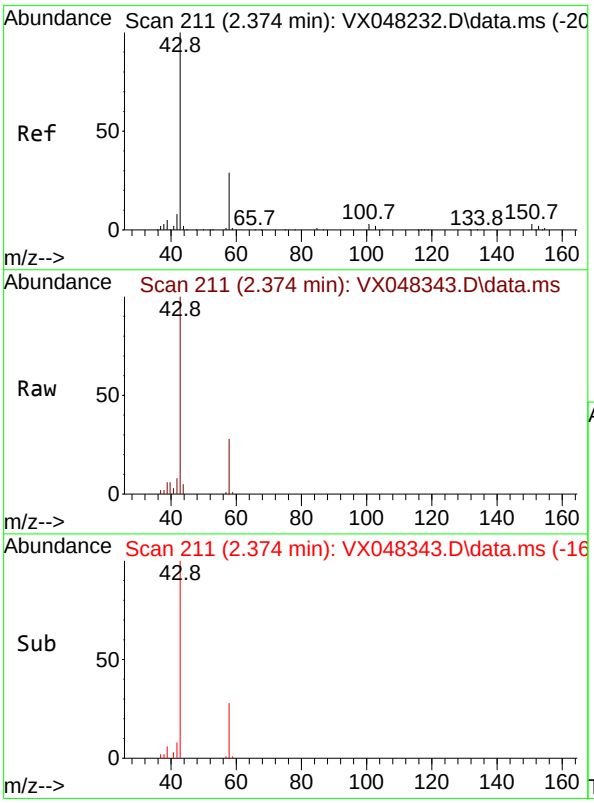
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:168 Resp: 137283

Ion	Ratio	Lower	Upper
168	100		
99	65.5	46.4	69.6

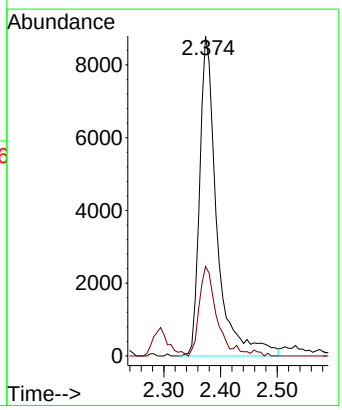


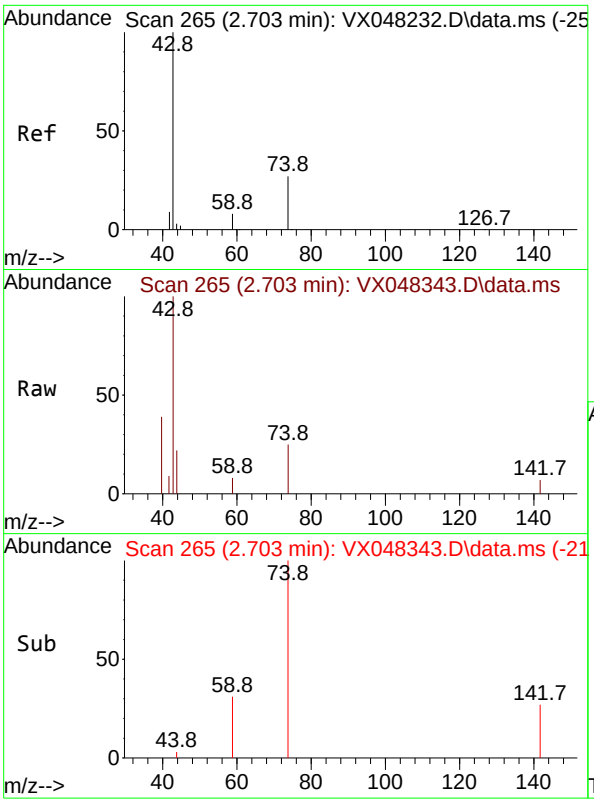


#16
Acetone
Concen: 28.142 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 43 Resp: 18583

Ion	Ratio	Lower	Upper
43	100		
58	26.6	23.4	35.2



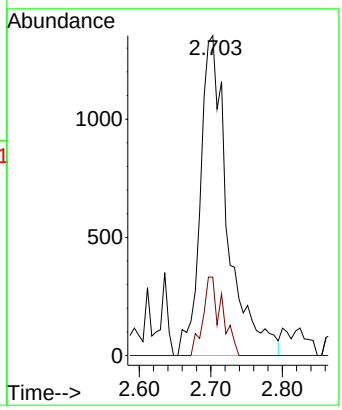


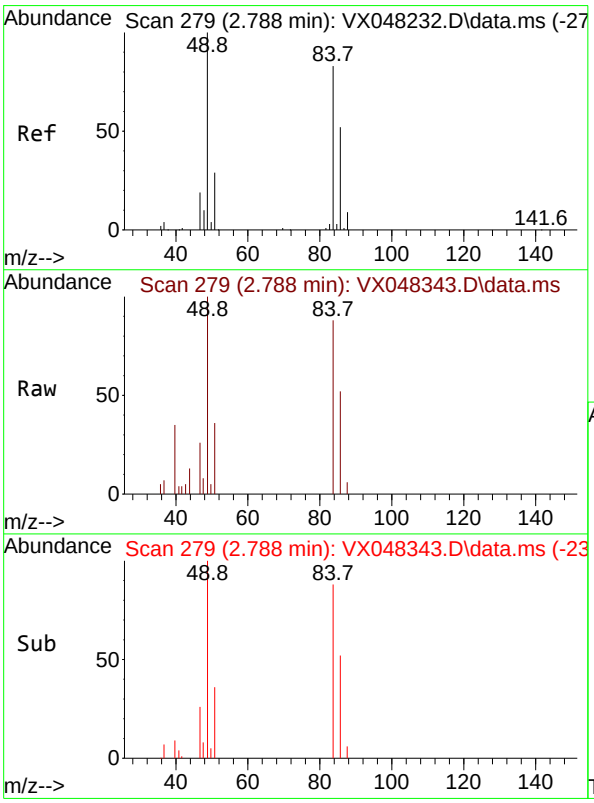
#18
Methyl Acetate
Concen: 2.612 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 43 Resp: 3602

Ion	Ratio	Lower	Upper
43	100		
74	17.0	17.5	26.3#

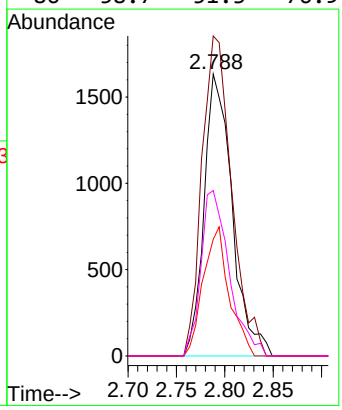


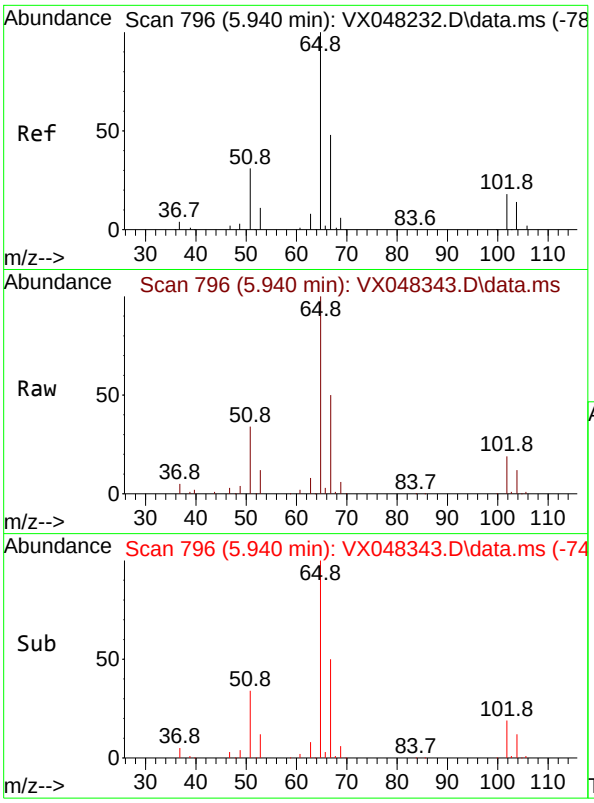


#20
Methylene Chloride
Concen: 2.042 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 84 Resp: 3286

Ion	Ratio	Lower	Upper
84	100		
49	113.5	104.1	156.1
51	41.4	31.3	46.9
86	58.7	51.3	76.9



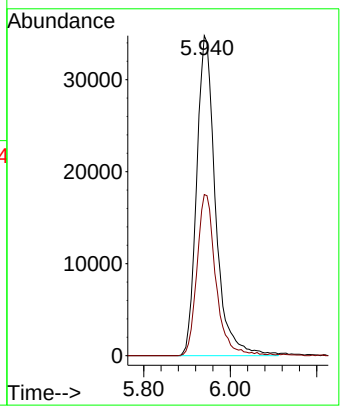


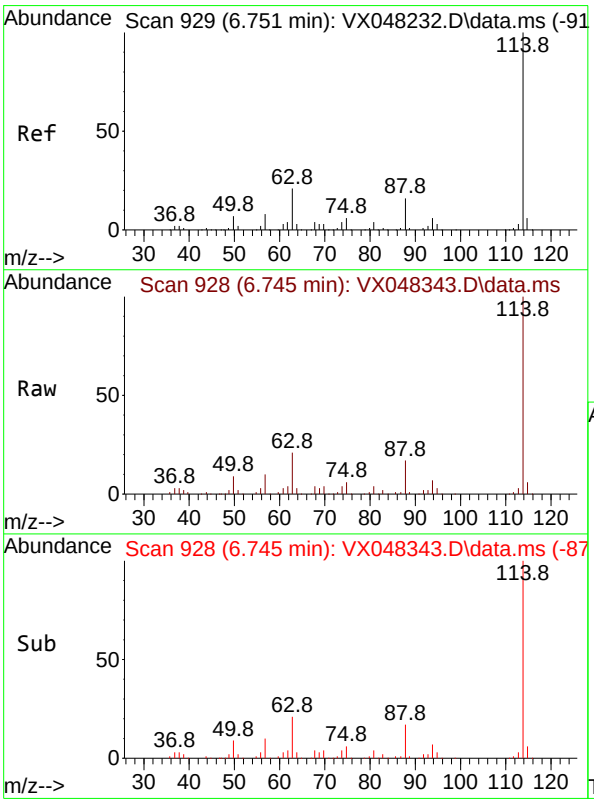
#33
1,2-Dichloroethane-d4
Concen: 54.518 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 65 Resp: 104937

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	105.0

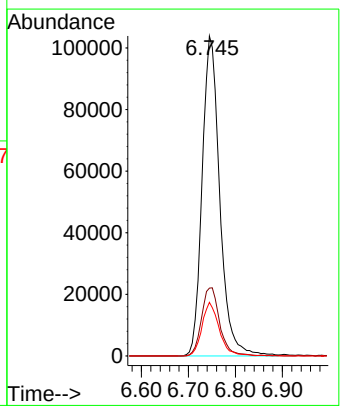


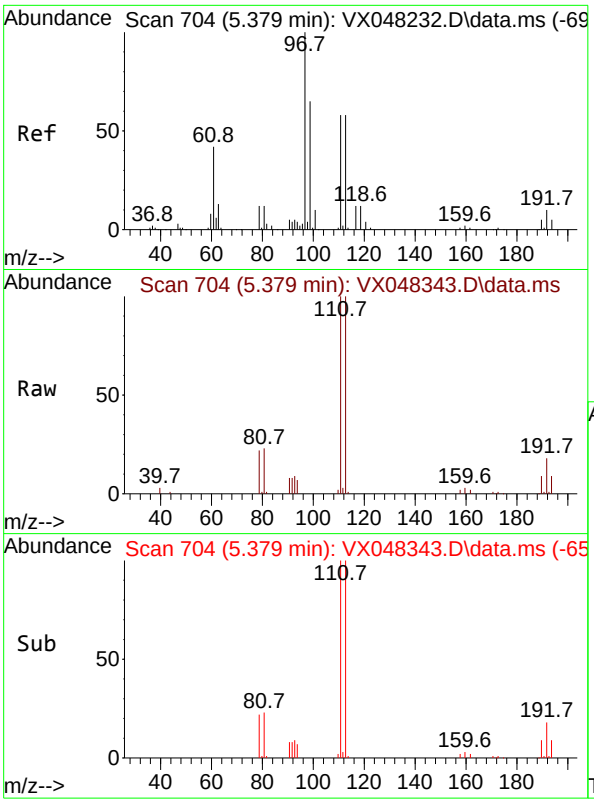


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion:114 Resp: 270507

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.8	0.0	33.6



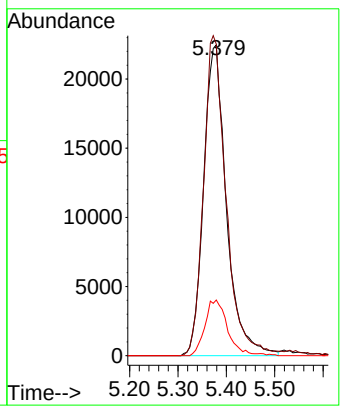


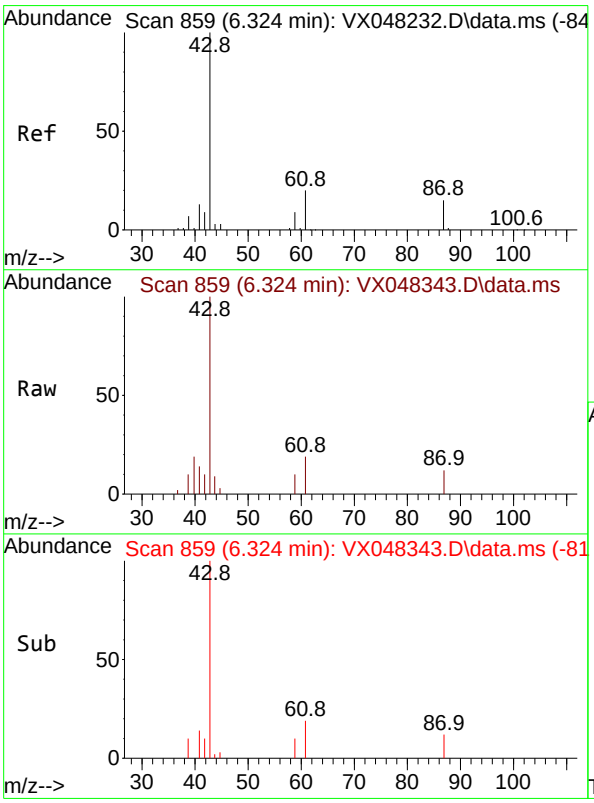
#35
Dibromofluoromethane
Concen: 39.855 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:113 Resp: 73601

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.9	15.1	22.7

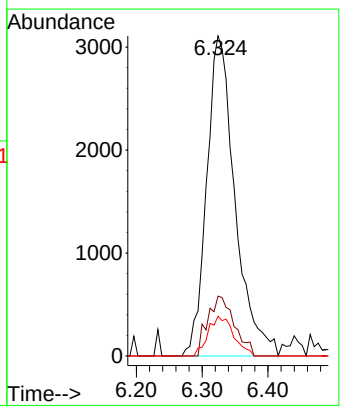


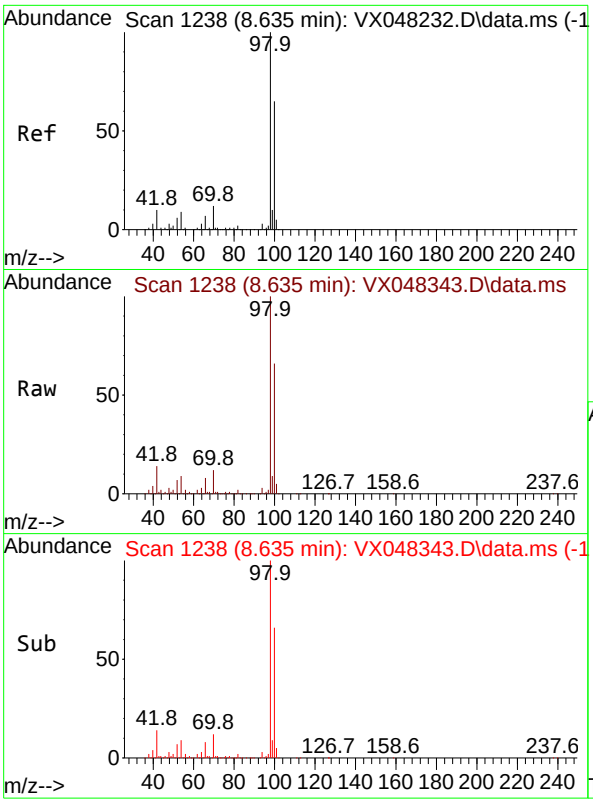


#43
Isopropyl Acetate
Concen: 2.604 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 43 Resp: 9305

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.9	22.3
87	11.1	9.4	14.2



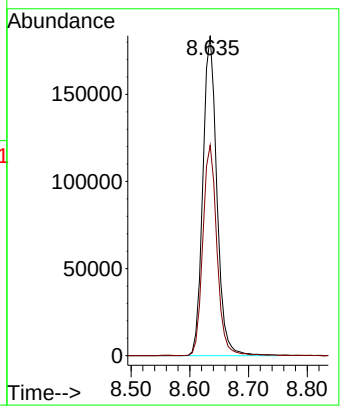


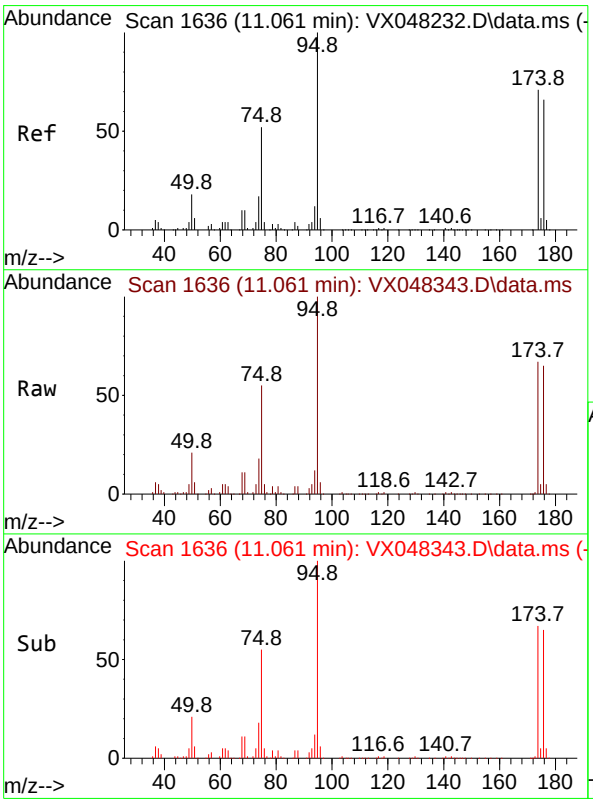
#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 98 Resp: 305004

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

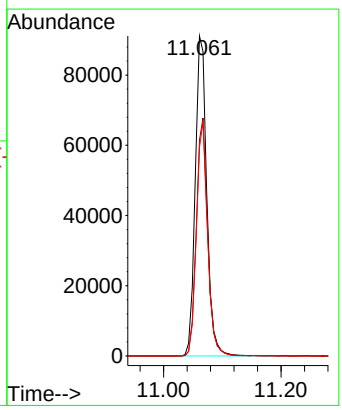


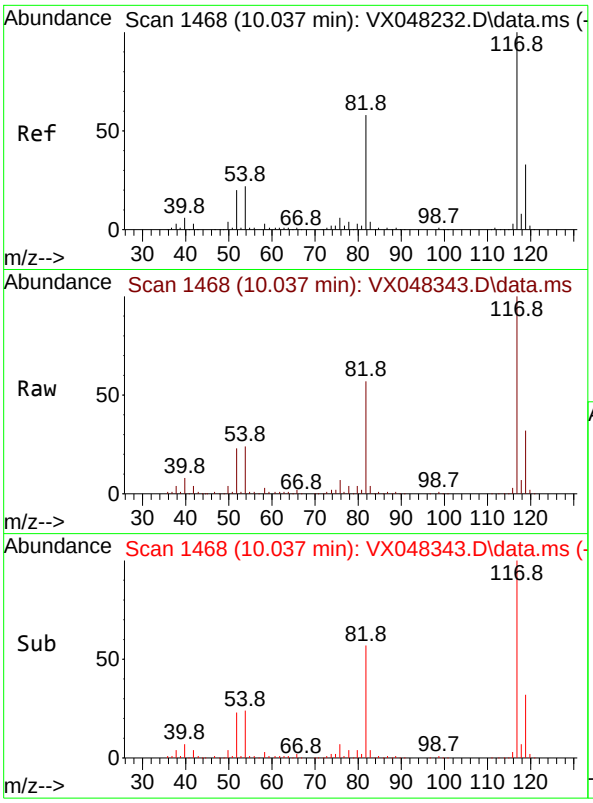


#62
4-Bromofluorobenzene
Concen: 50.431 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion: 95 Resp: 124188

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	147.8
176	70.7	0.0	142.8



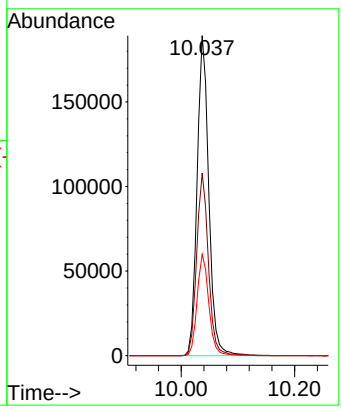


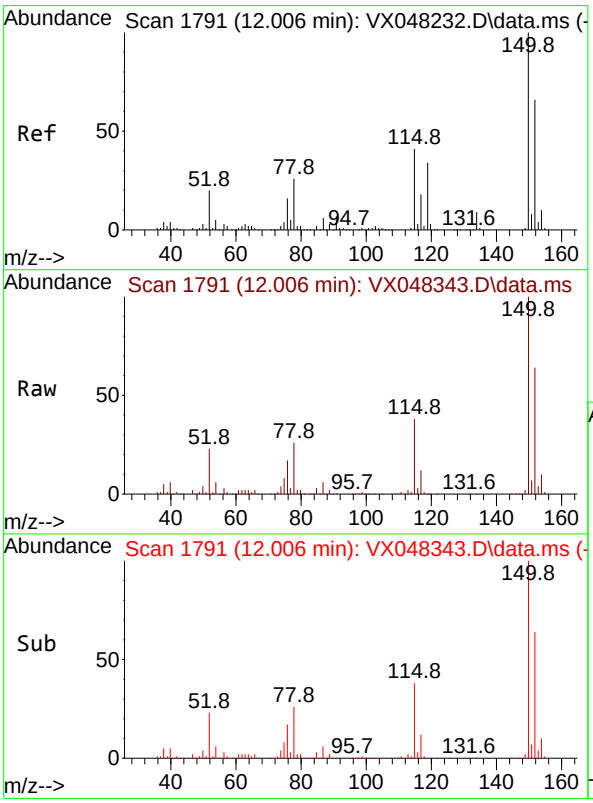
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:117 Resp: 270324

Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.5	69.7
119	31.7	25.9	38.9

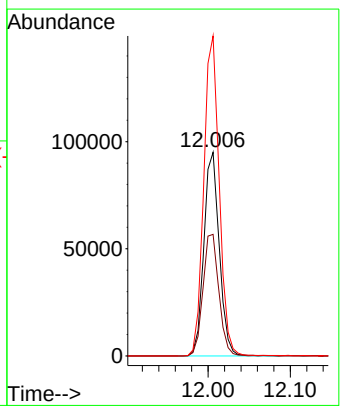




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048343.D
Acq: 24 Oct 2025 11:03

Tgt Ion:152 Resp: 123520

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.1	129.4
150	157.7	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048282.D
Acq On : 22 Oct 2025 09:26
Operator : JC/MD
Sample : VX1022WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	97887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	185129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	69611	50.720	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.440%			
35) Dibromofluoromethane	5.373	113	62055	49.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	8.635	98	211132	47.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.320%			
62) 4-Bromofluorobenzene	11.061	95	91904	54.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.060%			

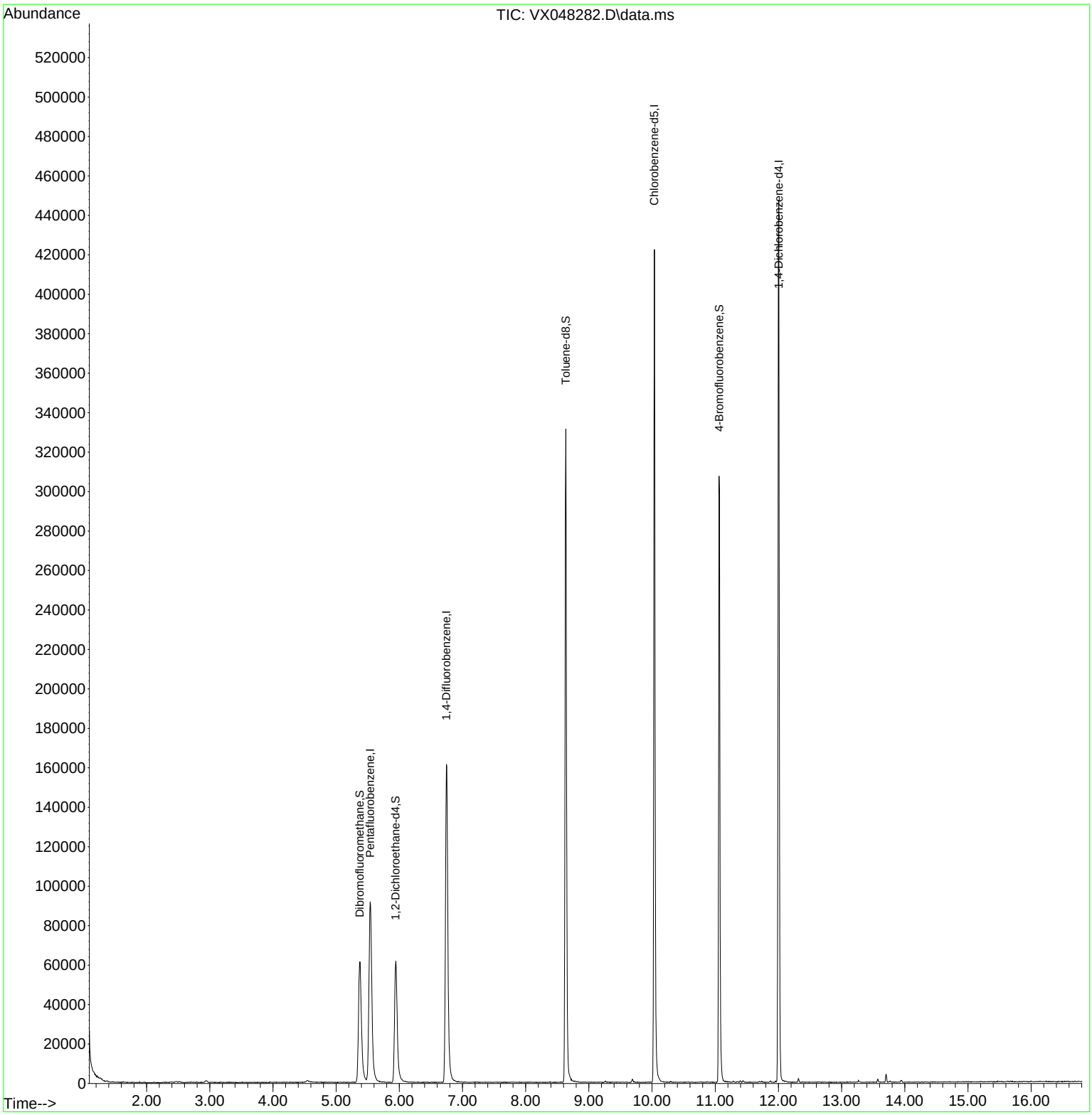
Target Compounds Qvalue

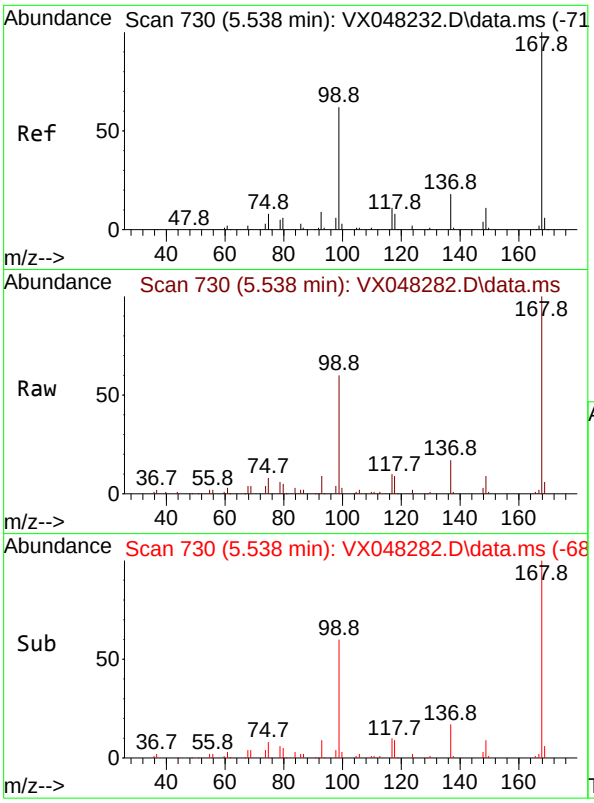
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048282.D
Acq On : 22 Oct 2025 09:26
Operator : JC/MD
Sample : VX1022WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



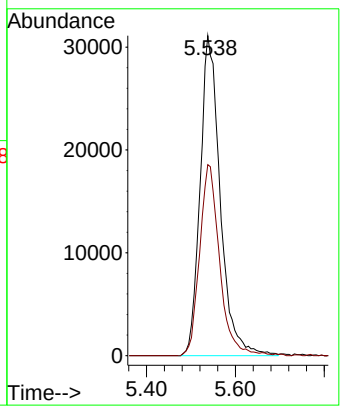


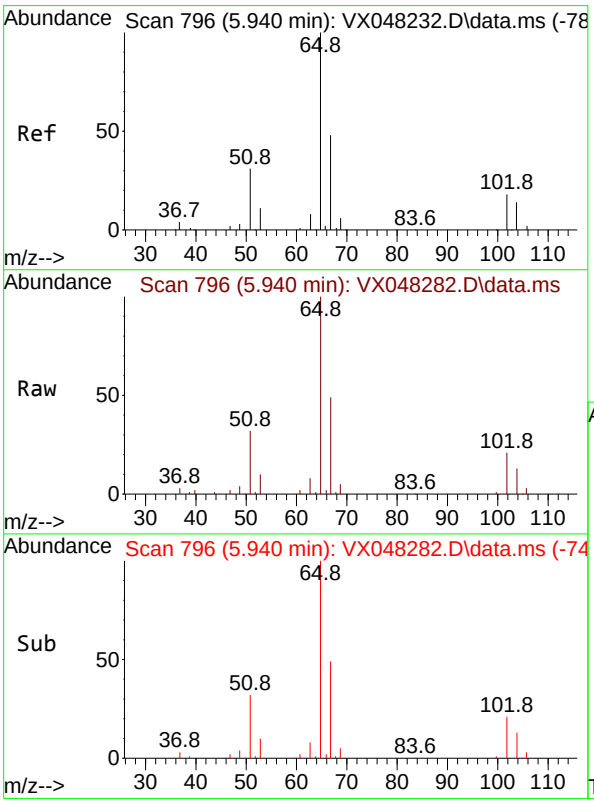
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Tgt Ion:168 Resp: 97887

Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.4	69.6

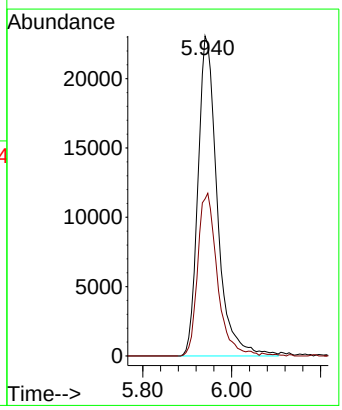


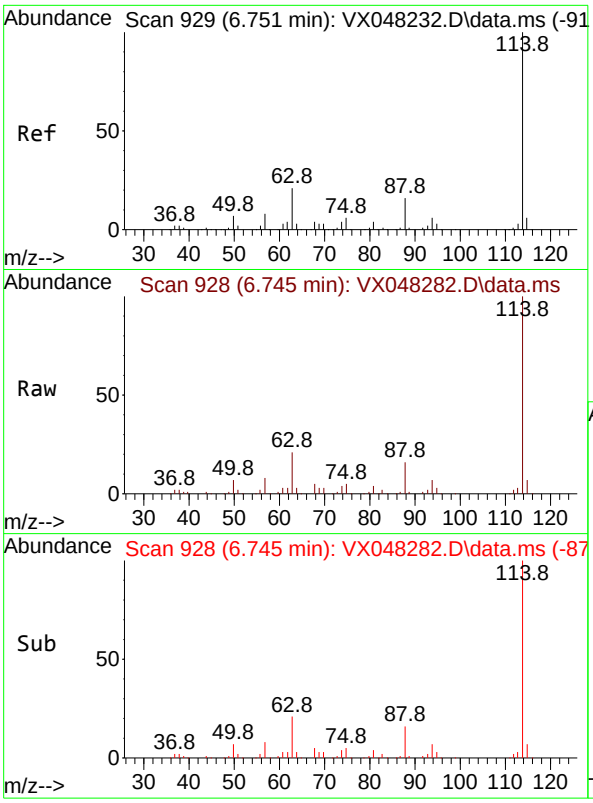


#33
1,2-Dichloroethane-d4
Concen: 50.720 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 65 Resp: 69611

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.0



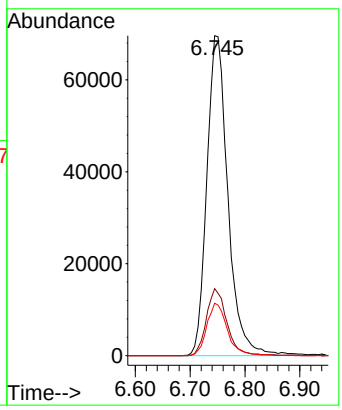


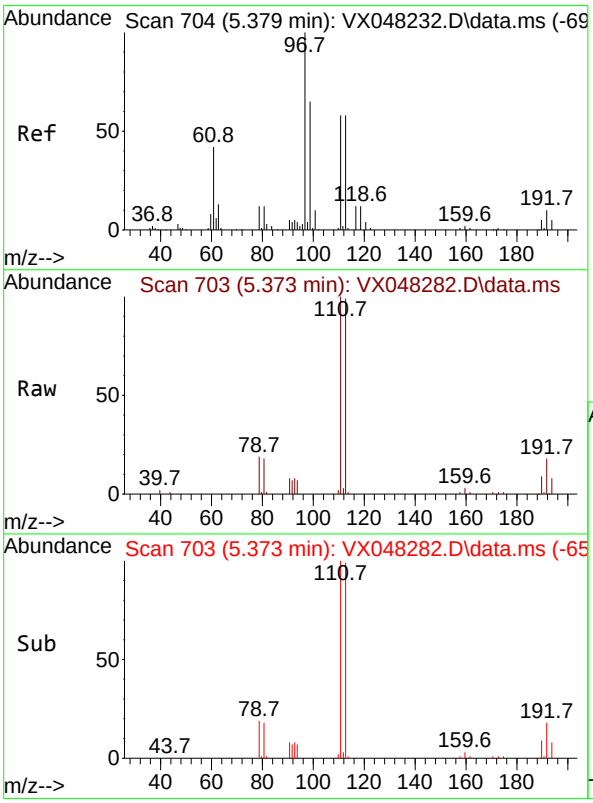
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Tgt Ion:114 Resp: 185129

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	16.4	0.0	33.6

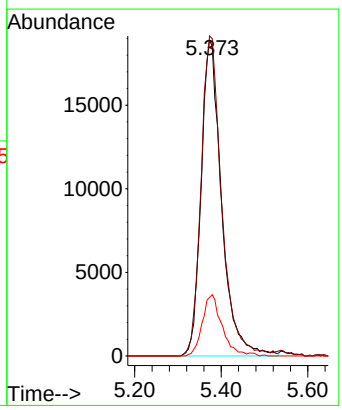


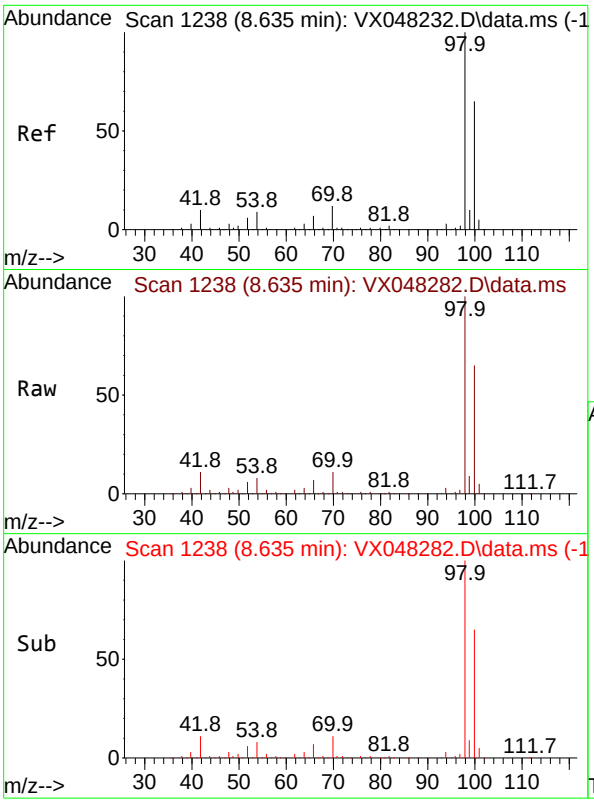


#35
Dibromofluoromethane
Concen: 49.099 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion:113 Resp: 62055

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.4	15.1	22.7



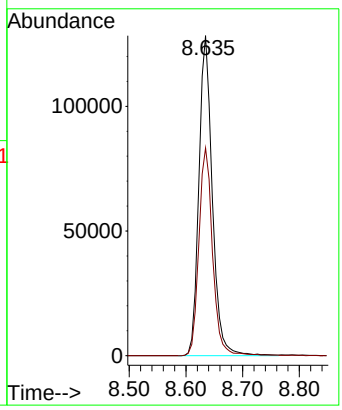


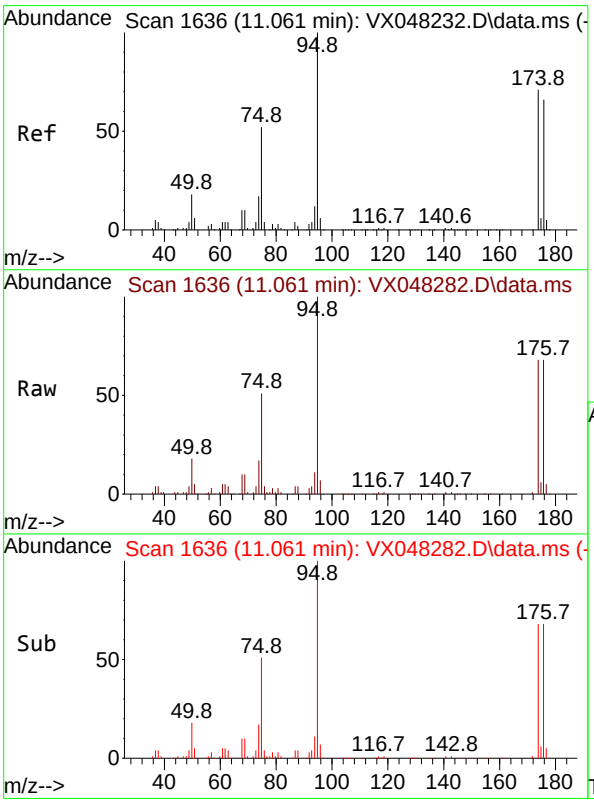
#50
Toluene-d8
Concen: 47.660 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Tgt Ion: 98 Resp: 211132

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

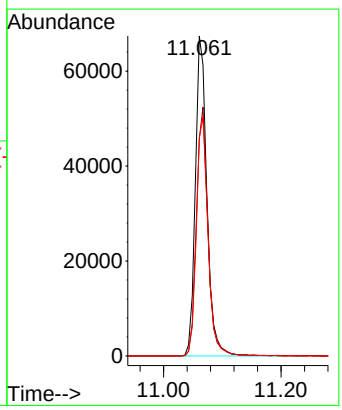


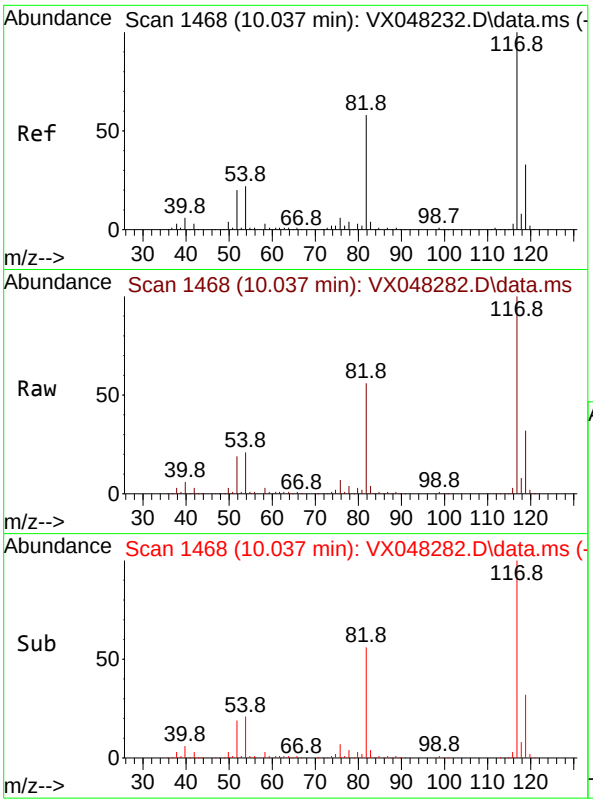


#62
4-Bromofluorobenzene
Concen: 54.533 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 95 Resp: 91904

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	147.8
176	75.2	0.0	142.8



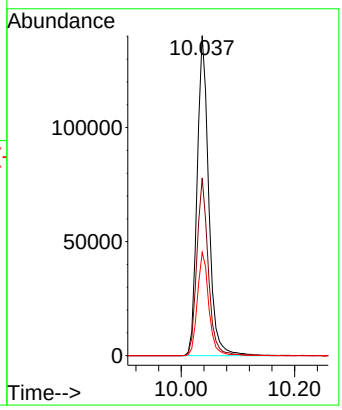


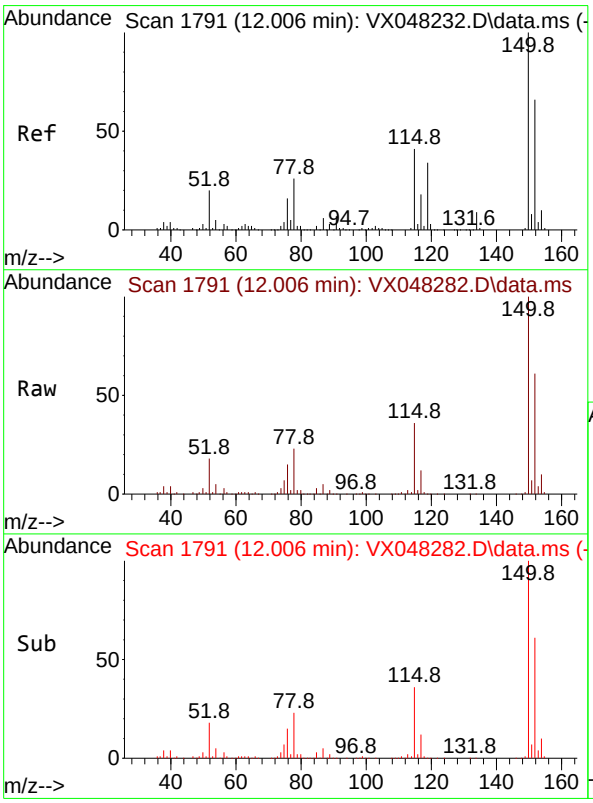
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

Tgt Ion:117 Resp: 199062

Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.5	69.7
119	32.2	25.9	38.9

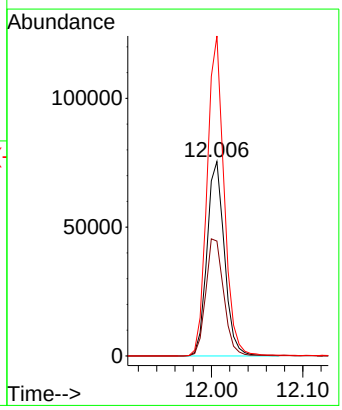




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion:152 Resp: 99844

Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.1	129.4
150	160.7	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048340.D
Acq On : 24 Oct 2025 09:48
Operator : JC/MD
Sample : VX1024WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Quant Time: Oct 24 23:00:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	90540	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	176490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	165587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	66303	52.230	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.460%			
35) Dibromofluoromethane	5.361	113	46939	38.957	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 77.920%			
50) Toluene-d8	8.628	98	182081	43.114	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.220%#			
62) 4-Bromofluorobenzene	11.061	95	68609	42.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.400%			

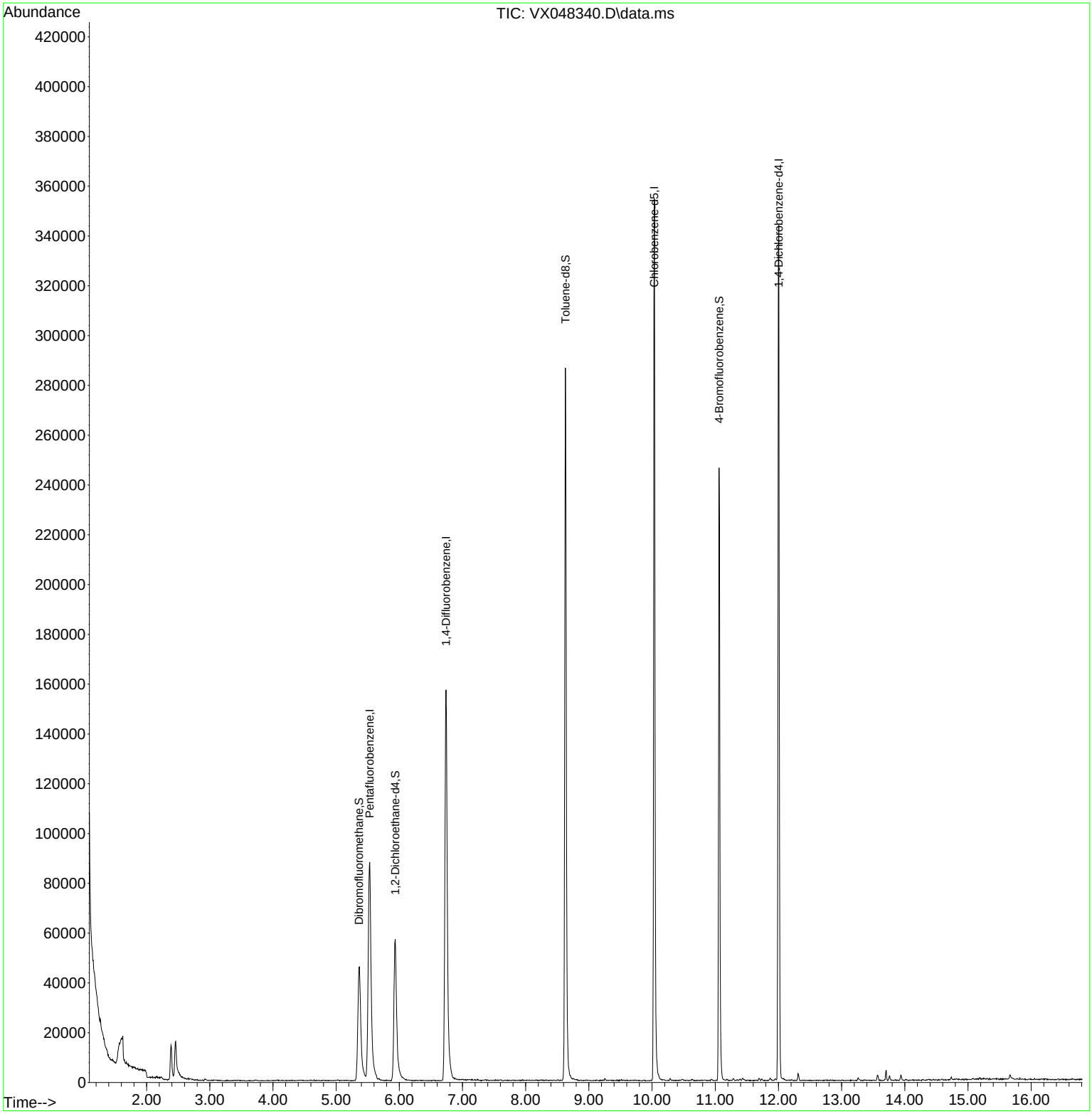
Target Compounds Qvalue

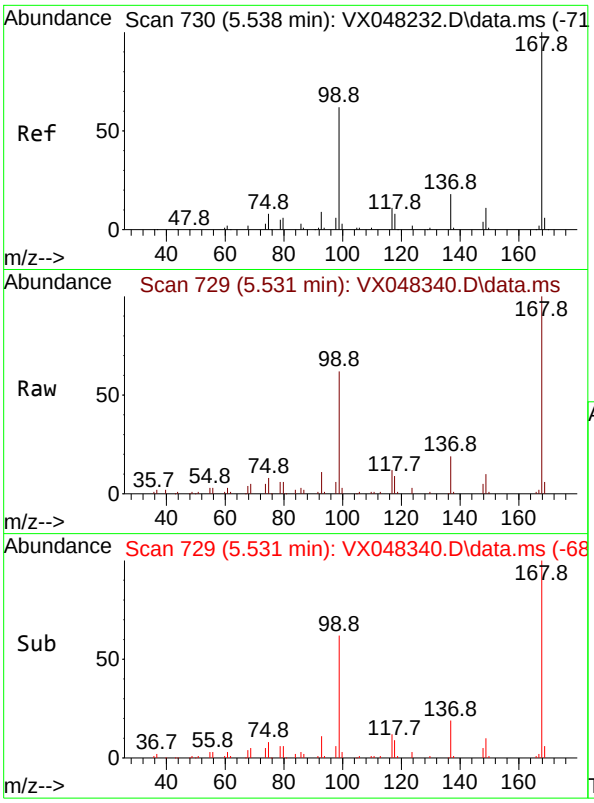
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048340.D
Acq On : 24 Oct 2025 09:48
Operator : JC/MD
Sample : VX1024WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Quant Time: Oct 24 23:00:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



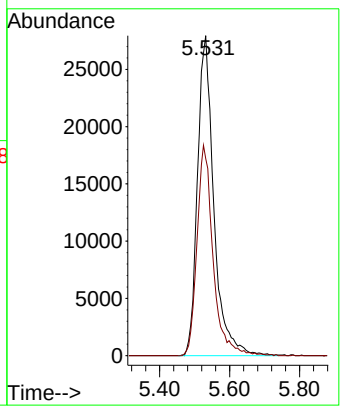


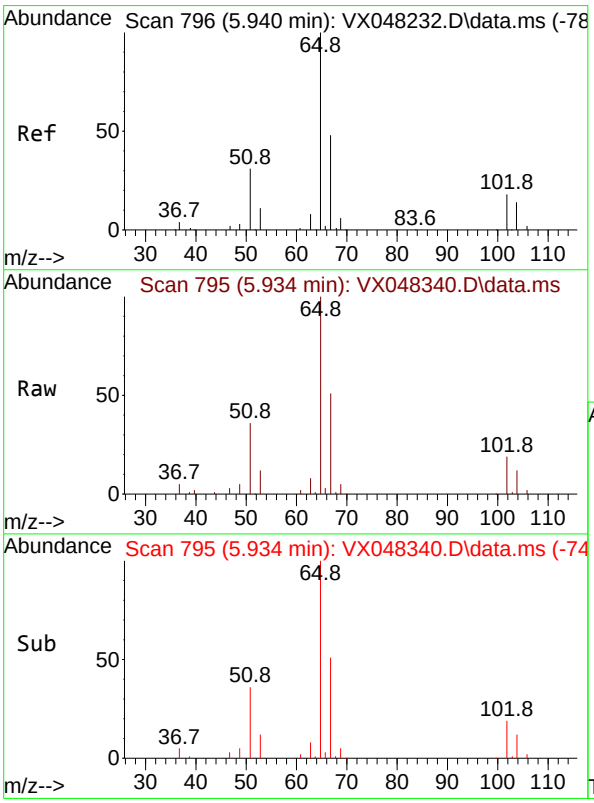
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Tgt Ion:168 Resp: 90540

Ion	Ratio	Lower	Upper
168	100		
99	61.6	46.4	69.6

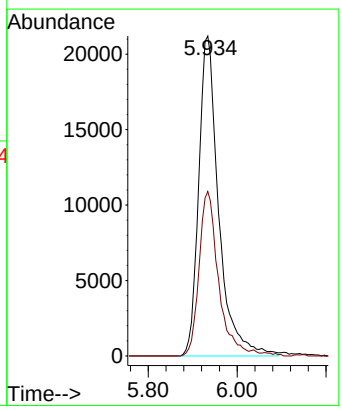


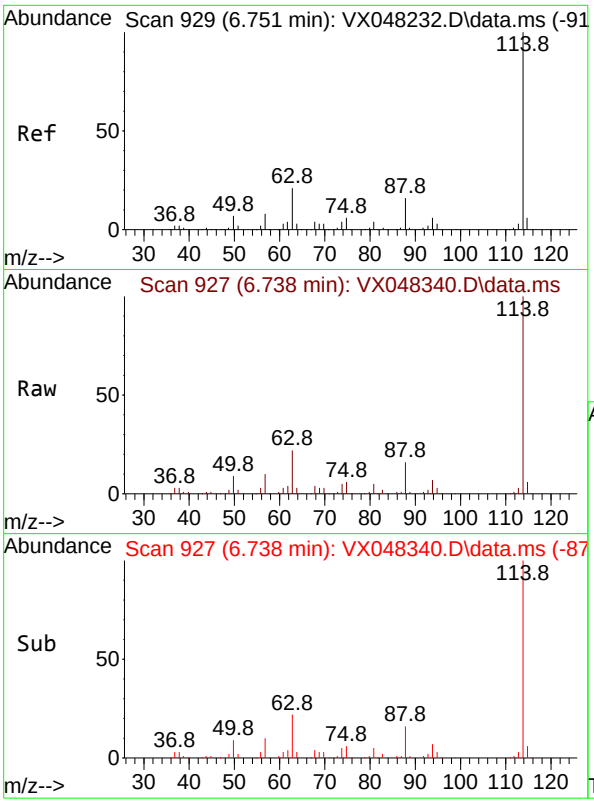


#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 65 Resp: 66303

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	105.0



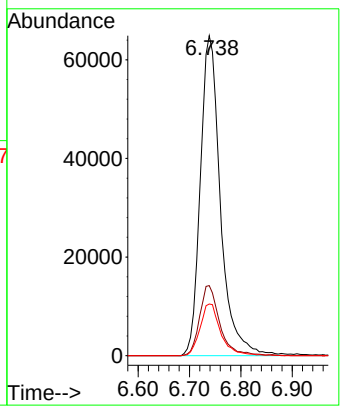


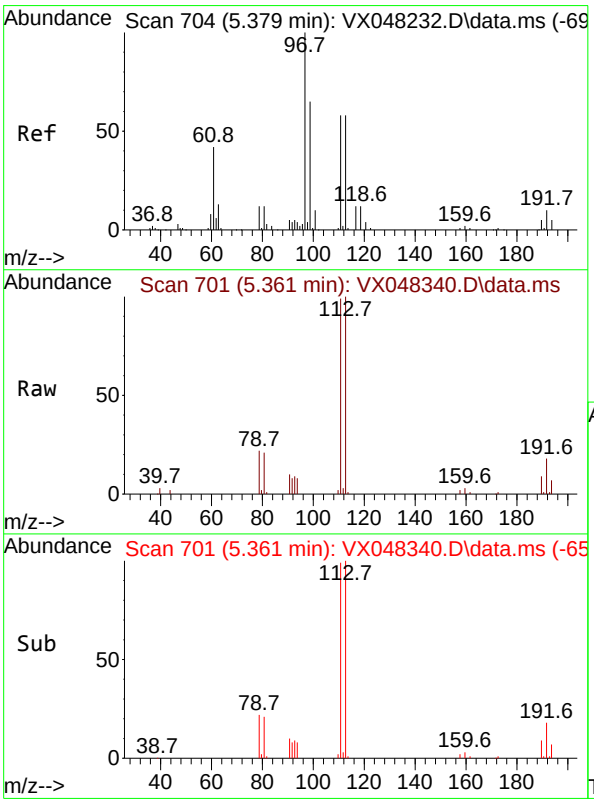
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 9
Delta R.T. -0.007 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Tgt Ion:114 Resp: 176490

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.1	0.0	33.6

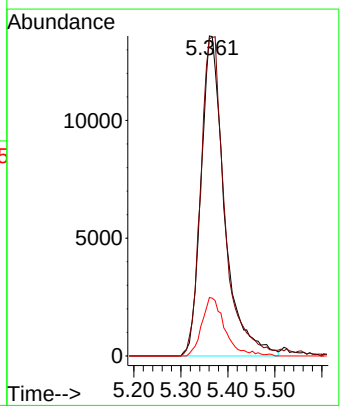


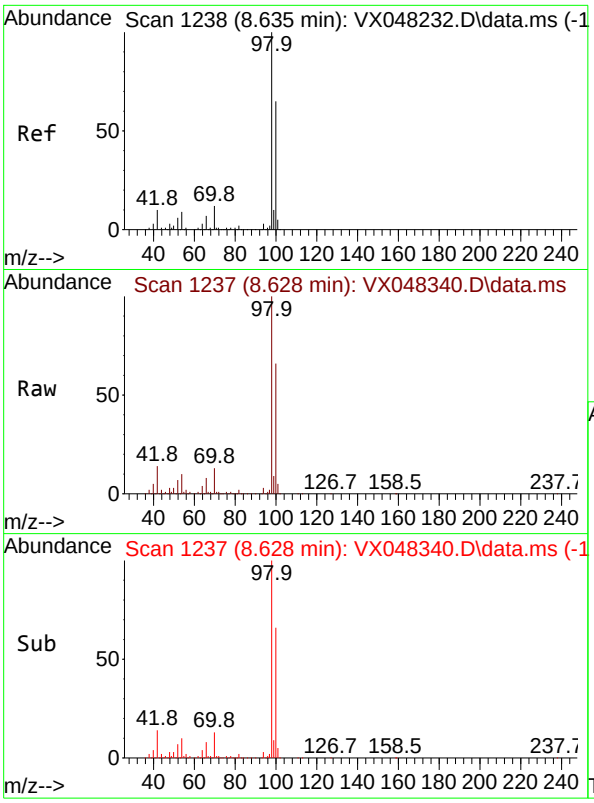


#35
Dibromofluoromethane
Concen: 38.957 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion:113 Resp: 46939

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	18.0	15.1	22.7



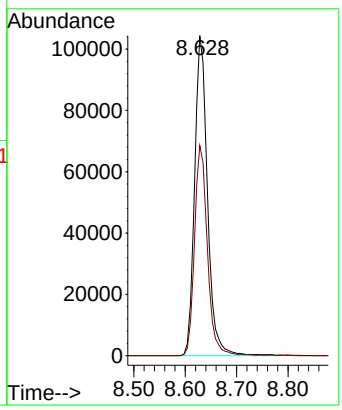


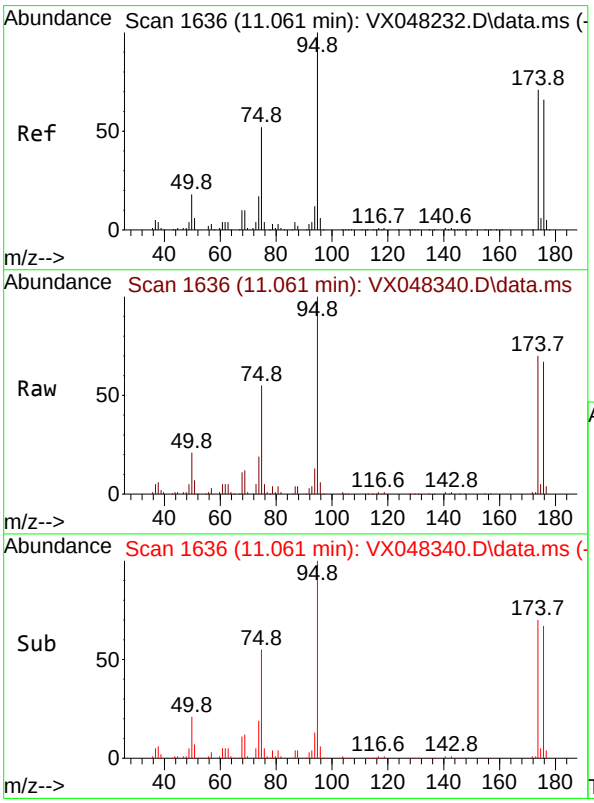
#50
Toluene-d8
Concen: 43.114 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Tgt Ion: 98 Resp: 182081

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

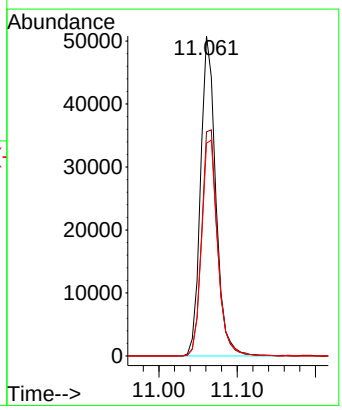


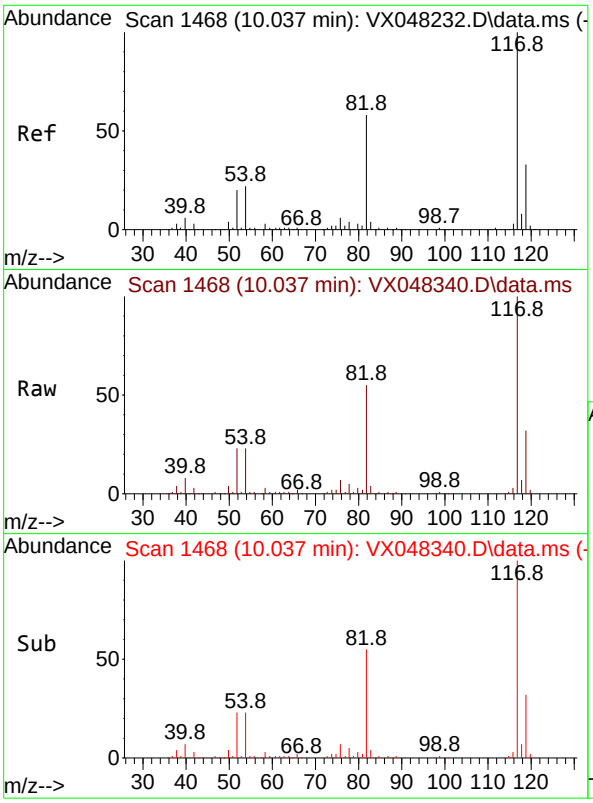


#62
4-Bromofluorobenzene
Concen: 42.703 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 95 Resp: 68609

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	147.8
176	71.0	0.0	142.8



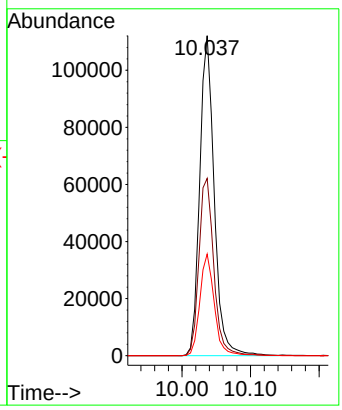


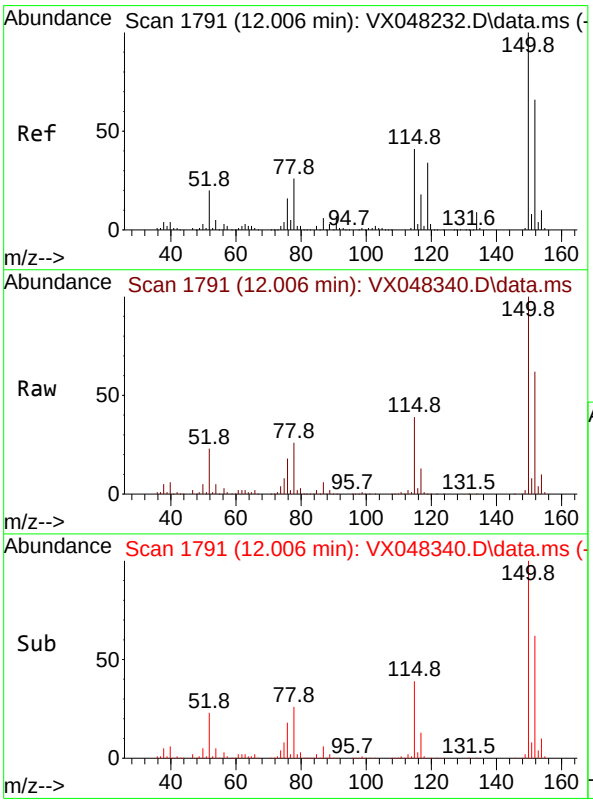
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Tgt Ion:117 Resp: 165587

Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.5	69.7
119	31.8	25.9	38.9

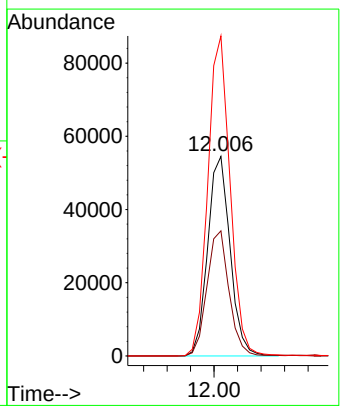




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion:152 Resp: 72164

Ion	Ratio	Lower	Upper
152	100		
115	61.9	43.1	129.4
150	159.8	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	115938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	185153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	172449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	91086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	81572	50.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.373	113	64382	50.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.629	98	224820	50.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.061	95	88327	52.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	22868	19.187	ug/l	95
3) Chloromethane	1.301	50	18787	16.887	ug/l	97
4) Vinyl Chloride	1.380	62	16907	16.412	ug/l	100
5) Bromomethane	1.618	94	12759	18.250	ug/l	92
6) Chloroethane	1.697	64	10602	17.514	ug/l	94
7) Trichlorofluoromethane	1.892	101	36946	18.700	ug/l	98
8) Diethyl Ether	2.130	74	9583	17.238	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.337	101	22281	17.809	ug/l	93
10) Methyl Iodide	2.453	142	29719	18.895	ug/l	98
11) Tert butyl alcohol	2.934	59	13125	81.322	ug/l	98
12) 1,1-Dichloroethene	2.325	96	22236	18.268	ug/l	89
13) Acrolein	2.233	56	18404	111.807	ug/l	100
14) Allyl chloride	2.666	41	34300	16.973	ug/l	94
15) Acrylonitrile	3.056	53	51470	88.440	ug/l	98
16) Acetone	2.374	43	49714	89.149	ug/l	94
17) Carbon Disulfide	2.514	76	61537	16.041	ug/l	98
18) Methyl Acetate	2.697	43	19682	16.900	ug/l #	90
19) Methyl tert-butyl Ether	3.105	73	76499	18.423	ug/l	98
20) Methylene Chloride	2.788	84	25627	18.860	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	24665	18.448	ug/l	97
22) Diisopropyl ether	3.745	45	74217	18.413	ug/l #	82
23) Vinyl Acetate	3.709	43	293391	91.123	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44644	18.318	ug/l	98
25) 2-Butanone	4.538	43	62637	88.741	ug/l	94
26) 2,2-Dichloropropane	4.459	77	42168	19.169	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	29422	18.855	ug/l	97
28) Bromochloromethane	4.885	49	18103	17.914	ug/l #	80
29) Tetrahydrofuran	4.983	42	35783	84.647	ug/l	90
30) Chloroform	5.074	83	50484	19.388	ug/l	96
31) Cyclohexane	5.452	56	36067	17.875	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	45607	19.005	ug/l	98
36) 1,1-Dichloropropene	5.678	75	32884	18.304	ug/l	99
37) Ethyl Acetate	4.702	43	25793	17.321	ug/l	96
38) Carbon Tetrachloride	5.660	117	41818	18.866	ug/l	97
39) Methylcyclohexane	7.367	83	37971	17.896	ug/l	93
40) Benzene	6.019	78	98700	18.922	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	13641	17.443	ug/l		95
42) 1,2-Dichloroethane	6.068	62	39202	20.367	ug/l		99
43) Isopropyl Acetate	6.318	43	43873	17.936	ug/l		97
44) Trichloroethene	7.111	130	26617	19.325	ug/l		99
45) 1,2-Dichloropropane	7.415	63	23590	19.022	ug/l		93
46) Dibromomethane	7.568	93	18429	19.074	ug/l		92
47) Bromodichloromethane	7.799	83	40507	19.417	ug/l		96
48) Methyl methacrylate	7.677	41	21757	17.627	ug/l		93
49) 1,4-Dioxane	7.641	88	5789	355.001	ug/l		91
51) 4-Methyl-2-Pentanone	8.555	43	128509	91.119	ug/l		96
52) Toluene	8.702	92	64846	19.569	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	39352	19.575	ug/l		97
54) cis-1,3-Dichloropropene	8.348	75	41608	19.183	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	24236	19.667	ug/l		96
56) Ethyl methacrylate	9.098	69	32337	17.941	ug/l		98
57) 1,3-Dichloropropane	9.293	76	40790	19.378	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.226	63	82301	86.039	ug/l		96
59) 2-Hexanone	9.415	43	91212	92.750	ug/l		95
60) Dibromochloromethane	9.500	129	32118	19.391	ug/l		98
61) 1,2-Dibromoethane	9.592	107	25567	19.461	ug/l		100
64) Tetrachloroethene	9.256	164	23106	17.948	ug/l		96
65) Chlorobenzene	10.061	112	74866	19.299	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	27221	19.105	ug/l		99
67) Ethyl Benzene	10.177	91	123704	18.730	ug/l		95
68) m/p-Xylenes	10.287	106	96187	39.196	ug/l		99
69) o-Xylene	10.622	106	45915	19.380	ug/l		100
70) Styrene	10.640	104	81400	20.178	ug/l		99
71) Bromoform	10.781	173	21486	18.867	ug/l	#	97
73) Isopropylbenzene	10.945	105	121492	18.261	ug/l		98
74) N-amyl acetate	10.823	43	39294	16.651	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.195	83	32943	18.132	ug/l		97
76) 1,2,3-Trichloropropane	11.220	75	30421m	20.595	ug/l		
77) Bromobenzene	11.183	156	30904	18.526	ug/l		91
78) n-propylbenzene	11.287	91	142548	18.506	ug/l		98
79) 2-Chlorotoluene	11.348	91	87720	18.783	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	102516	18.620	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	10045	16.545	ug/l		92
82) 4-Chlorotoluene	11.439	91	104284	18.810	ug/l		97
83) tert-Butylbenzene	11.695	119	105858	18.713	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	105149	19.137	ug/l		99
85) sec-Butylbenzene	11.872	105	122676	18.025	ug/l		100
86) p-Isopropyltoluene	11.988	119	107570	18.286	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	58833	18.708	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	60010	18.420	ug/l		98
89) n-Butylbenzene	12.317	91	93913	17.540	ug/l		99
90) Hexachloroethane	12.518	117	20129	17.328	ug/l		91
91) 1,2-Dichlorobenzene	12.317	146	55576	18.823	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6490	17.598	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	35339	17.699	ug/l		99
94) Hexachlorobutadiene	13.707	225	13881	18.594	ug/l		97
95) Naphthalene	13.756	128	96835	18.305	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	33930	18.518	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

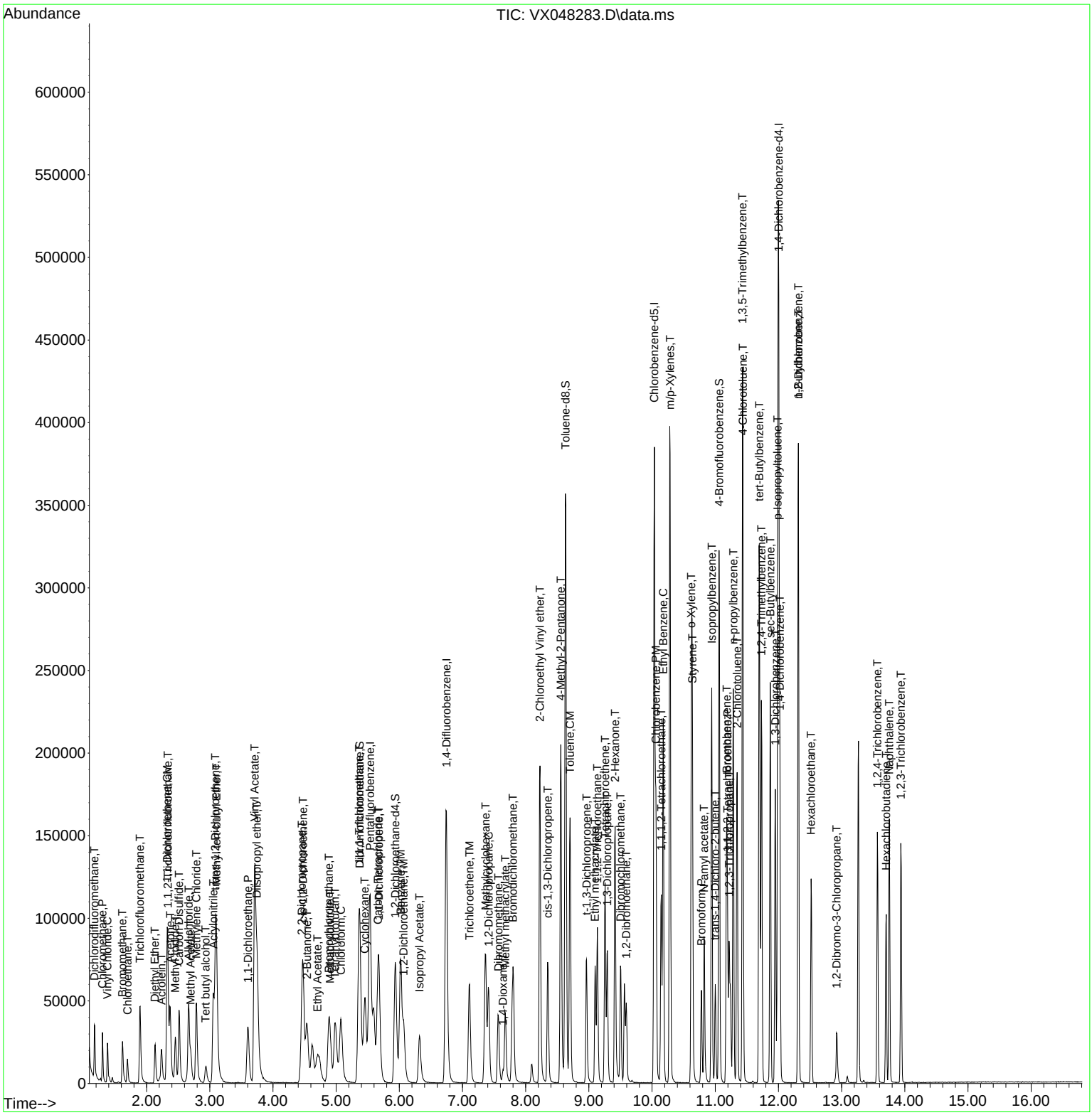
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048283.D
Acq On : 22 Oct 2025 09:53
Operator : JC/MD
Sample : VX1022WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 05:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	145979	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.744	114	238661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	208902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	104947	51.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.560%			
35) Dibromofluoromethane	5.367	113	67722	41.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 83.120%			
50) Toluene-d8	8.628	98	283427	49.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.061	95	105010	48.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	27195	18.122	ug/l	94
3) Chloromethane	1.300	50	14115	10.077	ug/l	93
4) Vinyl Chloride	1.379	62	36112	27.840	ug/l	98
5) Bromomethane	1.617	94	12608	14.323	ug/l	92
6) Chloroethane	1.696	64	21902	28.735	ug/l	95
7) Trichlorofluoromethane	1.898	101	61799	24.842	ug/l	98
8) Diethyl Ether	2.129	74	20019	28.600	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	33915	21.529	ug/l	99
10) Methyl Iodide	2.458	142	121848	61.528	ug/l	98
11) Tert butyl alcohol	2.934	59	16210	79.768	ug/l	98
12) 1,1-Dichloroethene	2.324	96	31747	20.715	ug/l	98
13) Acrolein	2.233	56	25338	122.255	ug/l	100
14) Allyl chloride	2.666	41	54311	21.344	ug/l	95
15) Acrylonitrile	3.056	53	70500	96.210	ug/l	99
16) Acetone	2.367	43	48526	69.111	ug/l	98
17) Carbon Disulfide	2.513	76	88439	18.310	ug/l	98
18) Methyl Acetate	2.696	43	29292	19.976	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105877	20.250	ug/l	100
20) Methylene Chloride	2.788	84	34512	20.172	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	34044	20.223	ug/l	98
22) Diisopropyl ether	3.745	45	118430	23.336	ug/l	99
23) Vinyl Acetate	3.708	43	423009	104.344	ug/l	99
24) 1,1-Dichloroethane	3.599	63	65078	21.207	ug/l	98
25) 2-Butanone	4.531	43	75222	84.639	ug/l	95
26) 2,2-Dichloropropane	4.464	77	56864	20.530	ug/l	98
27) cis-1,2-Dichloroethene	4.476	96	39206	19.955	ug/l	96
28) Bromochloromethane	4.879	49	27053	21.261	ug/l	97
29) Tetrahydrofuran	4.982	42	51748	97.222	ug/l	99
30) Chloroform	5.074	83	68186	20.797	ug/l	99
31) Cyclohexane	5.452	56	57458	22.616	ug/l	89
32) 1,1,1-Trichloroethane	5.367	97	62899	20.816	ug/l	98
36) 1,1-Dichloropropene	5.677	75	46219	19.958	ug/l	96
37) Ethyl Acetate	4.690	43	41061	21.391	ug/l #	95
38) Carbon Tetrachloride	5.659	117	52919	18.522	ug/l	95
39) Methylcyclohexane	7.366	83	56949	20.823	ug/l	98
40) Benzene	6.019	78	135581	20.165	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.891	41	20984	20.817 ug/l	98
42) 1,2-Dichloroethane	6.068	62	52014	20.965 ug/l	99
43) Isopropyl Acetate	6.318	43	68756	21.807 ug/l	99
44) Trichloroethene	7.104	130	34170	19.247 ug/l	98
45) 1,2-Dichloropropane	7.409	63	33220	20.781 ug/l	99
46) Dibromomethane	7.561	93	24750	19.873 ug/l	98
47) Bromodichloromethane	7.805	83	52628	19.571 ug/l	99
48) Methyl methacrylate	7.677	41	33315	20.939 ug/l	96
49) 1,4-Dioxane	7.641	88	7180	341.585 ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	189499	104.240 ug/l	99
52) Toluene	8.701	92	84824	19.859 ug/l	98
53) t-1,3-Dichloropropene	8.963	75	49569	19.129 ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	52191	18.668 ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	31755	19.991 ug/l	95
56) Ethyl methacrylate	9.098	69	45976	19.789 ug/l	97
57) 1,3-Dichloropropane	9.293	76	53530	19.729 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	118629	96.012 ug/l	99
59) 2-Hexanone	9.415	43	125025	98.630 ug/l	98
60) Dibromochloromethane	9.506	129	38132	17.861 ug/l	99
61) 1,2-Dibromoethane	9.591	107	32346	19.101 ug/l	98
64) Tetrachloroethene	9.256	164	32600	20.904 ug/l	97
65) Chlorobenzene	10.061	112	93252	19.844 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	32783	18.993 ug/l	99
67) Ethyl Benzene	10.177	91	163786	20.471 ug/l	99
68) m/p-Xylenes	10.286	106	122538	41.221 ug/l	99
69) o-Xylene	10.622	106	57644	20.085 ug/l	100
70) Styrene	10.640	104	98123	20.079 ug/l	98
71) Bromoform	10.780	173	23162	16.790 ug/l #	99
73) Isopropylbenzene	10.945	105	156349	20.669 ug/l	100
74) N-amyl acetate	10.823	43	58990	21.985 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	39902	19.317 ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	35869m	21.358 ug/l	
77) Bromobenzene	11.176	156	36110	19.039 ug/l	98
78) n-propylbenzene	11.286	91	186273	21.269 ug/l	99
79) 2-Chlorotoluene	11.347	91	111240	20.949 ug/l	98
80) 1,3,5-Trimethylbenzene	11.432	105	129782	20.733 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	8393	12.159 ug/l #	53
82) 4-Chlorotoluene	11.432	91	129943	20.615 ug/l	100
83) tert-Butylbenzene	11.695	119	128952	20.049 ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	129443	20.720 ug/l	99
85) sec-Butylbenzene	11.871	105	165405	21.376 ug/l	99
86) p-Isopropyltoluene	11.987	119	137775	20.599 ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	68516	19.162 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	69433	18.745 ug/l	99
89) n-Butylbenzene	12.316	91	127603	20.961 ug/l	100
90) Hexachloroethane	12.518	117	22551	17.074 ug/l	99
91) 1,2-Dichlorobenzene	12.316	146	64650	19.258 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7646	18.235 ug/l	92
93) 1,2,4-Trichlorobenzene	13.566	180	42595	18.762 ug/l	100
94) Hexachlorobutadiene	13.706	225	18776	22.108 ug/l	95
95) Naphthalene	13.755	128	112756	18.747 ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	39822	19.115 ug/l	98

Sample Results: **VX048341.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

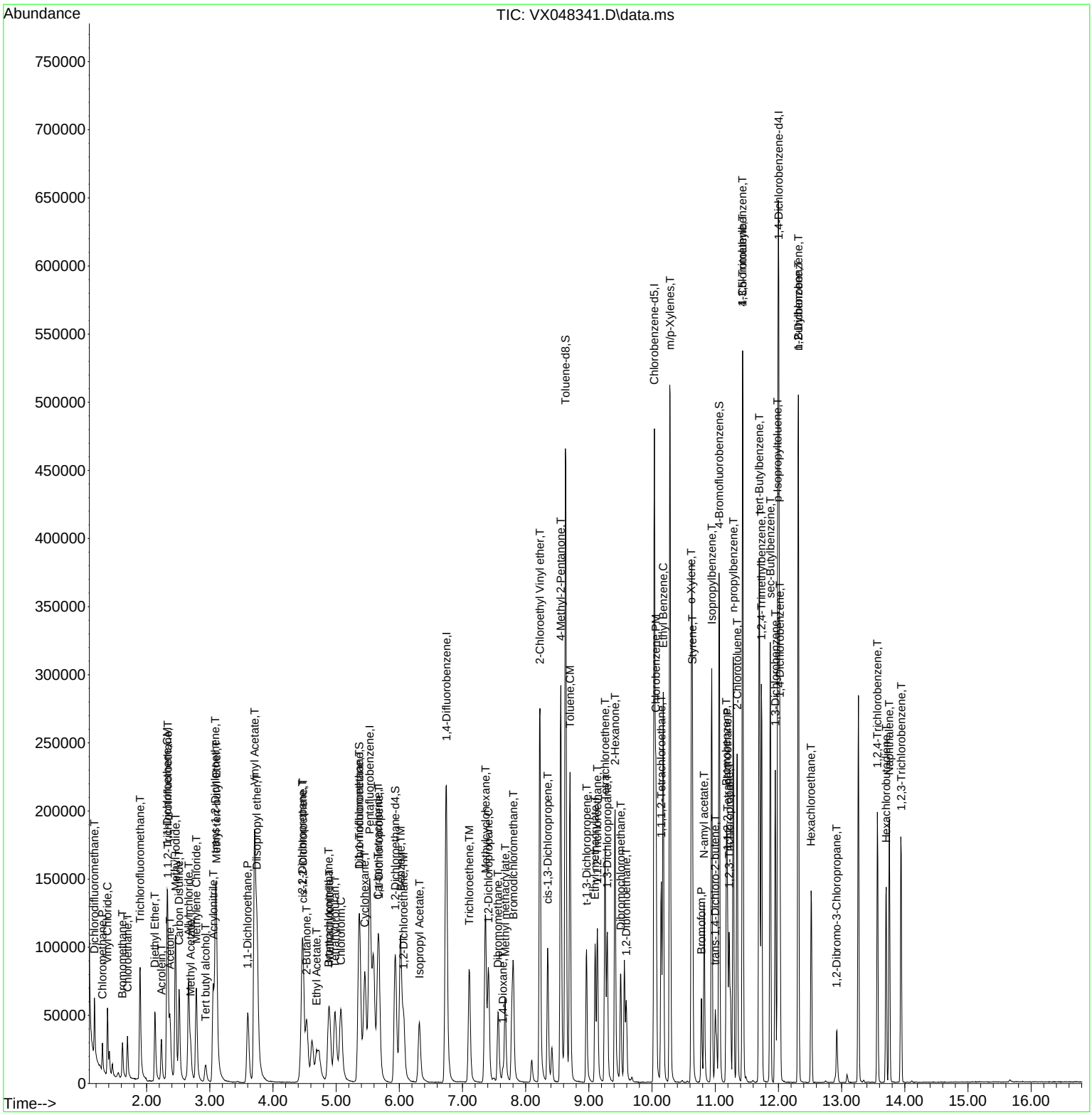
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048341.D
Acq On : 24 Oct 2025 10:15
Operator : JC/MD
Sample : VX1024WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	120104	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	195961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	180624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	82990	49.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.560%			
35) Dibromofluoromethane	5.367	113	65947	49.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	8.629	98	230741	49.207	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.061	95	88101	49.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	23340	18.904	ug/l	96
3) Chloromethane	1.301	50	22183	19.248	ug/l	98
4) Vinyl Chloride	1.380	62	18991	17.795	ug/l	99
5) Bromomethane	1.618	94	12429	17.161	ug/l	99
6) Chloroethane	1.697	64	10355	16.512	ug/l #	86
7) Trichlorofluoromethane	1.898	101	36108	17.642	ug/l	96
8) Diethyl Ether	2.136	74	9485	16.470	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	23134	17.849	ug/l	95
10) Methyl Iodide	2.453	142	29973	18.396	ug/l	97
11) Tert butyl alcohol	2.941	59	12474	74.608	ug/l	98
12) 1,1-Dichloroethene	2.325	96	21375	16.952	ug/l	89
13) Acrolein	2.233	56	17626	103.366	ug/l	94
14) Allyl chloride	2.666	41	34578	16.517	ug/l	95
15) Acrylonitrile	3.056	53	51590	85.572	ug/l	99
16) Acetone	2.374	43	48392	83.768	ug/l	95
17) Carbon Disulfide	2.514	76	60156	15.137	ug/l	96
18) Methyl Acetate	2.697	43	20120	16.677	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	76922	17.882	ug/l	95
20) Methylene Chloride	2.788	84	25251	17.939	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	23986	17.318	ug/l	97
22) Diisopropyl ether	3.751	45	76447	18.308	ug/l	95
23) Vinyl Acetate	3.709	43	296196	88.804	ug/l	95
24) 1,1-Dichloroethane	3.605	63	44297	17.545	ug/l	99
25) 2-Butanone	4.538	43	64935	88.805	ug/l	96
26) 2,2-Dichloropropane	4.459	77	41209	18.083	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	29677	18.359	ug/l	99
28) Bromochloromethane	4.885	49	19339	18.473	ug/l	85
29) Tetrahydrofuran	4.983	42	38740	88.463	ug/l	92
30) Chloroform	5.074	83	51696	19.165	ug/l	99
31) Cyclohexane	5.458	56	38986	18.651	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	46741	18.802	ug/l	99
36) 1,1-Dichloropropene	5.678	75	34395	18.089	ug/l	99
37) Ethyl Acetate	4.696	43	26522	16.828	ug/l #	95
38) Carbon Tetrachloride	5.666	117	42819	18.252	ug/l	98
39) Methylcyclohexane	7.367	83	40011	17.817	ug/l	93
40) Benzene	6.019	78	102728	18.608	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	15325	18.516	ug/l		97
42) 1,2-Dichloroethane	6.068	62	39959	19.615	ug/l		100
43) Isopropyl Acetate	6.324	43	47991	18.537	ug/l	#	94
44) Trichloroethene	7.111	130	27345	18.759	ug/l		89
45) 1,2-Dichloropropane	7.415	63	25354	19.317	ug/l		97
46) Dibromomethane	7.568	93	20155	19.710	ug/l		93
47) Bromodichloromethane	7.806	83	43009	19.480	ug/l		97
48) Methyl methacrylate	7.678	41	24768	18.959	ug/l		95
49) 1,4-Dioxane	7.647	88	6857	397.302	ug/l		93
51) 4-Methyl-2-Pentanone	8.555	43	143580	96.190	ug/l		98
52) Toluene	8.702	92	68859	19.634	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	42100	19.787	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	43961	19.150	ug/l		91
55) 1,1,2-Trichloroethane	9.135	97	26128	20.033	ug/l		96
56) Ethyl methacrylate	9.098	69	37038	19.415	ug/l		94
57) 1,3-Dichloropropane	9.293	76	44479	19.965	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	87997	86.903	ug/l		95
59) 2-Hexanone	9.415	43	100647	96.700	ug/l		96
60) Dibromochloromethane	9.500	129	33589	19.161	ug/l		99
61) 1,2-Dibromoethane	9.592	107	28498	20.496	ug/l		93
64) Tetrachloroethene	9.257	164	24658	18.287	ug/l		91
65) Chlorobenzene	10.061	112	77769	19.140	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	28328	18.982	ug/l		99
67) Ethyl Benzene	10.177	91	129701	18.749	ug/l		99
68) m/p-Xylenes	10.287	106	99982	38.899	ug/l		99
69) o-Xylene	10.622	106	47318	19.068	ug/l		100
70) Styrene	10.634	104	82638	19.558	ug/l		100
71) Bromoform	10.781	173	22550	18.905	ug/l	#	99
73) Isopropylbenzene	10.945	105	124929	18.532	ug/l		100
74) N-amyl acetate	10.823	43	42802	17.899	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	34771	18.887	ug/l		97
76) 1,2,3-Trichloropropane	11.220	75	31727m	21.197	ug/l		
77) Bromobenzene	11.177	156	31977	18.917	ug/l		93
78) n-propylbenzene	11.287	91	146740	18.800	ug/l		98
79) 2-Chlorotoluene	11.348	91	90136	19.047	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	105222	18.861	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	10645	17.303	ug/l		96
82) 4-Chlorotoluene	11.433	91	105630	18.803	ug/l		96
83) tert-Butylbenzene	11.695	119	107485	18.752	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	107910	19.382	ug/l		99
85) sec-Butylbenzene	11.872	105	126036	18.276	ug/l		100
86) p-Isopropyltoluene	11.988	119	109030	18.291	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	58821	18.459	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	60184	18.231	ug/l		98
89) n-Butylbenzene	12.317	91	93633	17.258	ug/l		98
90) Hexachloroethane	12.518	117	19578	16.632	ug/l		94
91) 1,2-Dichlorobenzene	12.317	146	54904	18.351	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6427	17.199	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	33681	16.647	ug/l		97
94) Hexachlorobutadiene	13.707	225	13822	18.273	ug/l		97
95) Naphthalene	13.756	128	92069	17.176	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	33036	17.794	ug/l		98

Sample Results: **VX048284.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

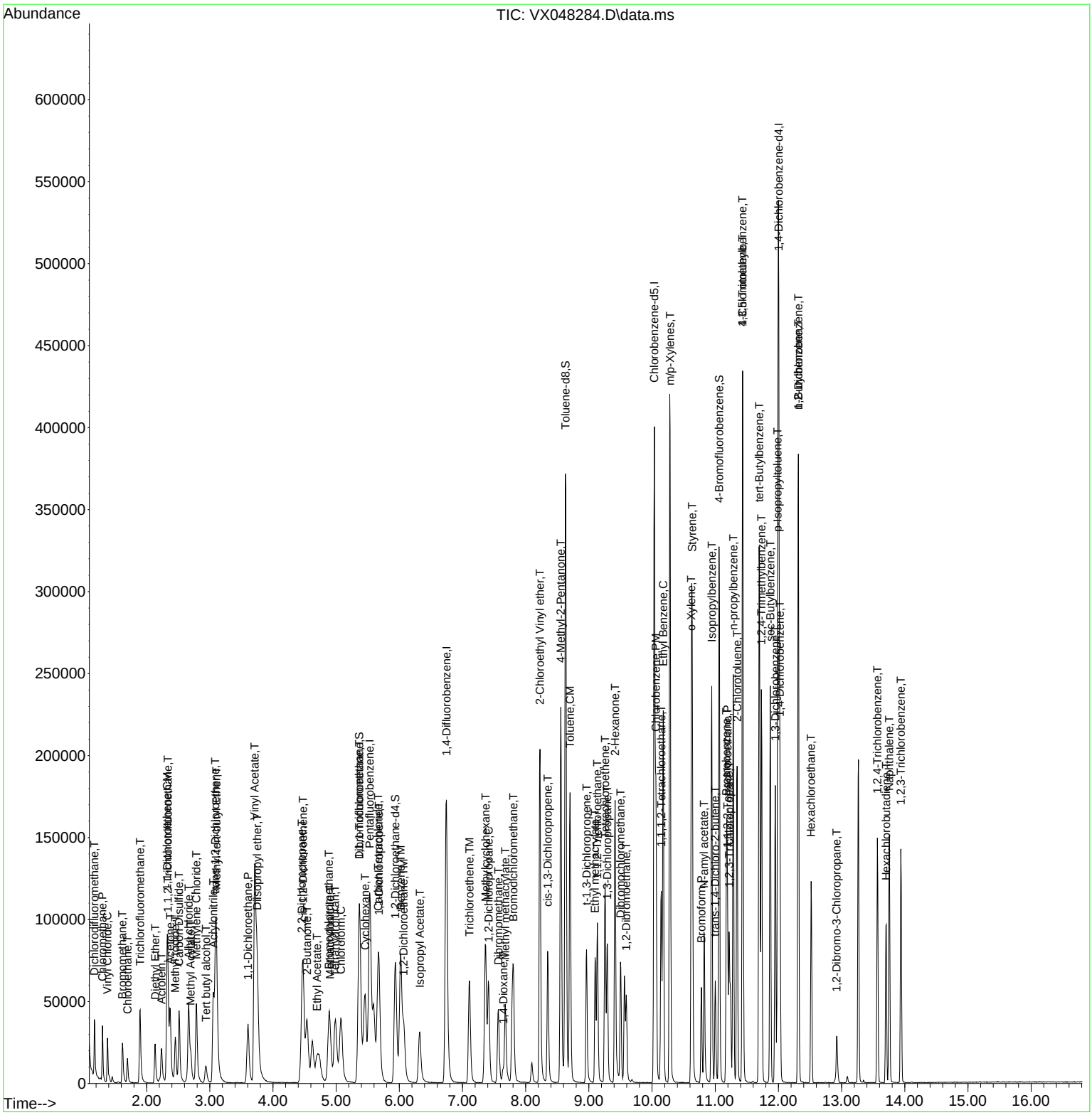
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
Data File : VX048284.D
Acq On : 22 Oct 2025 10:18
Operator : JC/MD
Sample : VX1022WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 05:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX102025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048229.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	1,4-Dichlorobenzene	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Carbon Tetrachloride	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Ethyl Acetate	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Methacrylonitrile	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC020	VX048231.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:30 AM	sam	10/21/2025 10:41:32 AM	Peak Integrated by Software
VSTDICCC050	VX048232.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:35 AM	sam	10/21/2025 10:41:38 AM	Peak Integrated by Software
VSTDICC100	VX048233.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:40 AM	sam	10/21/2025 10:42:36 AM	Peak Integrated by Software
VSTDICC150	VX048234.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:49 AM	sam	10/21/2025 10:43:04 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	Ethyl Acetate	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	Methacrylonitrile	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICV050	VX048237.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:59 AM	sam	10/21/2025 10:41:51 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX102025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048250.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:04:26 AM	sam	10/21/2025 10:42:06 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	Vx102225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048280.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:20:32 AM	MMDadoda	10/24/2025 2:35:08 PM	Peak Integrated by Software
VX1022WBS01	VX048283.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:20:36 AM	MMDadoda	10/24/2025 2:35:13 PM	Peak Integrated by Software
VX1022WBSD01	VX048284.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:20:45 AM	MMDadoda	10/24/2025 2:35:19 PM	Peak Integrated by Software
VSTDCCC050	VX048308.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:22:52 AM	MMDadoda	10/24/2025 2:35:30 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vx102425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048339.D	1,2,3-Trichloropropane	JOHN	10/27/2025 7:59:46 AM	MMDadoda	10/27/2025 2:52:39 PM	Peak Integrated by Software
VX1024WBS01	VX048341.D	1,2,3-Trichloropropane	JOHN	10/27/2025 7:59:52 AM	MMDadoda	10/27/2025 2:52:43 PM	Peak Integrated by Software
VSTDCCC050	VX048353.D	1,2,3-Trichloropropane	JOHN	10/27/2025 8:00:00 AM	MMDadoda	10/27/2025 2:52:51 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048226.D	20 Oct 2025 08:15	JC/MD	Ok
2	VSTDCCC050	VX048227.D	20 Oct 2025 10:13	JC/MD	Ok
3	IBLK	VX048228.D	20 Oct 2025 10:38	JC/MD	Not Ok
4	VSTDICC001	VX048229.D	20 Oct 2025 10:59	JC/MD	Ok,M
5	VSTDICC005	VX048230.D	20 Oct 2025 11:20	JC/MD	Not Ok
6	VSTDICC020	VX048231.D	20 Oct 2025 11:40	JC/MD	Ok,M
7	VSTDICCC050	VX048232.D	20 Oct 2025 12:01	JC/MD	Ok,M
8	VSTDICC100	VX048233.D	20 Oct 2025 12:22	JC/MD	Ok,M
9	VSTDICC150	VX048234.D	20 Oct 2025 12:43	JC/MD	Ok,M
10	IBLK	VX048235.D	20 Oct 2025 13:04	JC/MD	Ok
11	VSTDICC005	VX048236.D	20 Oct 2025 13:49	JC/MD	Ok,M
12	VSTDICV050	VX048237.D	20 Oct 2025 14:28	JC/MD	Ok,M
13	VX1020MBL01	VX048238.D	20 Oct 2025 14:56	JC/MD	Ok
14	VX1020WBL01	VX048239.D	20 Oct 2025 15:23	JC/MD	Ok
15	VX1020WBS01	VX048240.D	20 Oct 2025 15:50	JC/MD	Ok,M
16	Q3371-03	VX048241.D	20 Oct 2025 16:18	JC/MD	ReRun
17	Q3371-06	VX048242.D	20 Oct 2025 16:38	JC/MD	ReRun
18	Q3371-01	VX048243.D	20 Oct 2025 16:59	JC/MD	ReRun
19	Q3371-02	VX048244.D	20 Oct 2025 17:20	JC/MD	ReRun
20	Q3371-04	VX048245.D	20 Oct 2025 17:41	JC/MD	Ok
21	Q3371-05	VX048246.D	20 Oct 2025 18:02	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX1020WBSD01	VX048247.D	20 Oct 2025 18:22	JC/MD	Ok,M
23	VX1020MBS01	VX048248.D	20 Oct 2025 18:43	JC/MD	Ok,M
24	Q3390-01	VX048249.D	20 Oct 2025 19:04	JC/MD	Ok
25	VSTDCCC050	VX048250.D	20 Oct 2025 19:25	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:35:38 PM		
SubDirectory	VX102225	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135885
Initial Calibration Stds	
CCC	VP135886,VP135887
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048279.D	22 Oct 2025 08:07	JC/MD	Ok
2	VSTDCCC050	VX048280.D	22 Oct 2025 08:37	JC/MD	Ok,M
3	VX1022MBL01	VX048281.D	22 Oct 2025 09:05	JC/MD	Ok
4	VX1022WBL01	VX048282.D	22 Oct 2025 09:26	JC/MD	Ok
5	VX1022WBS01	VX048283.D	22 Oct 2025 09:53	JC/MD	Ok,M
6	VX1022WBSD01	VX048284.D	22 Oct 2025 10:18	JC/MD	Ok,M
7	Q3368-06	VX048285.D	22 Oct 2025 10:39	JC/MD	Ok
8	Q3368-07	VX048286.D	22 Oct 2025 11:00	JC/MD	Not Ok
9	Q3397-04	VX048287.D	22 Oct 2025 11:20	JC/MD	Ok,M
10	Q3368-07	VX048288.D	22 Oct 2025 11:41	JC/MD	Ok
11	Q3402-03	VX048289.D	22 Oct 2025 12:02	JC/MD	Ok
12	Q3402-06	VX048290.D	22 Oct 2025 12:23	JC/MD	ReRun
13	Q3402-09	VX048291.D	22 Oct 2025 12:43	JC/MD	ReRun
14	Q3402-12	VX048292.D	22 Oct 2025 13:04	JC/MD	ReRun
15	Q3403-04	VX048293.D	22 Oct 2025 13:25	JC/MD	ReRun
16	Q3412-04	VX048294.D	22 Oct 2025 13:46	JC/MD	ReRun
17	PB170173TB	VX048295.D	22 Oct 2025 14:06	JC/MD	Ok
18	Q3373-01	VX048296.D	22 Oct 2025 14:27	JC/MD	ReRun
19	Q3373-02	VX048297.D	22 Oct 2025 14:48	JC/MD	ReRun
20	Q3373-03	VX048298.D	22 Oct 2025 15:09	JC/MD	ReRun
21	Q3373-04	VX048299.D	22 Oct 2025 15:29	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:35:38 PM		
SubDirectory	VX102225	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135885
Initial Calibration Stds	
CCC	VP135886,VP135887
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3399-04	VX048300.D	22 Oct 2025 15:50	JC/MD	ReRun
23	Q3402-06RE	VX048301.D	22 Oct 2025 16:11	JC/MD	Confirms
24	Q3402-09	VX048302.D	22 Oct 2025 16:32	JC/MD	Ok
25	Q3402-12RE	VX048303.D	22 Oct 2025 16:53	JC/MD	Confirms
26	Q3426-01	VX048304.D	22 Oct 2025 17:13	JC/MD	Not Ok
27	Q3426-02	VX048305.D	22 Oct 2025 17:34	JC/MD	Not Ok
28	Q3426-03	VX048306.D	22 Oct 2025 17:55	JC/MD	Not Ok
29	Q3426-04	VX048307.D	22 Oct 2025 18:16	JC/MD	Not Ok
30	VSTDCCC050	VX048308.D	22 Oct 2025 18:36	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102425

Review By	John Carlone	Review On	10/27/2025 8:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:53:02 PM		
SubDirectory	VX102425	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135915
Initial Calibration Stds	
CCC	VP135916,VP135917
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048338.D	24 Oct 2025 08:19	JC/MD	Ok
2	VSTDCCC050	VX048339.D	24 Oct 2025 09:16	JC/MD	Ok,M
3	VX1024WBL01	VX048340.D	24 Oct 2025 09:48	JC/MD	Ok
4	VX1024WBS01	VX048341.D	24 Oct 2025 10:15	JC/MD	Ok,M
5	VX1024WBSD01	VX048342.D	24 Oct 2025 10:43	JC/MD	Ok,M
6	Q3399-04RE	VX048343.D	24 Oct 2025 11:03	JC/MD	Confirms
7	Q3414-13DL	VX048344.D	24 Oct 2025 11:24	JC/MD	Ok
8	Q3414-11DL	VX048345.D	24 Oct 2025 11:45	JC/MD	Ok
9	Q3414-12DL	VX048346.D	24 Oct 2025 12:05	JC/MD	Ok
10	Q3403-04	VX048347.D	24 Oct 2025 12:26	JC/MD	Ok
11	Q3412-04	VX048348.D	24 Oct 2025 12:47	JC/MD	Ok
12	IBLK	VX048349.D	24 Oct 2025 13:07	JC/MD	Ok
13	Q3454-01	VX048350.D	24 Oct 2025 14:47	JC/MD	Not Ok
14	Q3464-01	VX048351.D	24 Oct 2025 15:08	JC/MD	ReRun
15	Q3464-02	VX048352.D	24 Oct 2025 15:28	JC/MD	ReRun
16	VSTDCCC050	VX048353.D	24 Oct 2025 15:49	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048226.D	20 Oct 2025 08:15		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048227.D	20 Oct 2025 10:13		JC/MD	Ok
3	IBLK	IBLK	VX048228.D	20 Oct 2025 10:38		JC/MD	Not Ok
4	VSTDICC001	VSTDICC001	VX048229.D	20 Oct 2025 10:59	LR-58,94	JC/MD	Ok,M
5	VSTDICC005	VSTDICC005	VX048230.D	20 Oct 2025 11:20		JC/MD	Not Ok
6	VSTDICC020	VSTDICC020	VX048231.D	20 Oct 2025 11:40		JC/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VX048232.D	20 Oct 2025 12:01		JC/MD	Ok,M
8	VSTDICC100	VSTDICC100	VX048233.D	20 Oct 2025 12:22		JC/MD	Ok,M
9	VSTDICC150	VSTDICC150	VX048234.D	20 Oct 2025 12:43		JC/MD	Ok,M
10	IBLK	IBLK	VX048235.D	20 Oct 2025 13:04		JC/MD	Ok
11	VSTDICC005	VSTDICC005	VX048236.D	20 Oct 2025 13:49		JC/MD	Ok,M
12	VSTDICV050	ICVVX102025	VX048237.D	20 Oct 2025 14:28	pH#Lot#V12668	JC/MD	Ok,M
13	VX1020MBL01	VX1020MBL01	VX048238.D	20 Oct 2025 14:56		JC/MD	Ok
14	VX1020WBL01	VX1020WBL01	VX048239.D	20 Oct 2025 15:23		JC/MD	Ok
15	VX1020WBS01	VX1020WBS01	VX048240.D	20 Oct 2025 15:50		JC/MD	Ok,M
16	Q3371-03	VPB184-HYD-2025101	VX048241.D	20 Oct 2025 16:18	vial A pH<2 Surrogate Fail	JC/MD	ReRun
17	Q3371-06	VPB184-HYD-2025101	VX048242.D	20 Oct 2025 16:38	vial A pH<2 Surrogate Fail	JC/MD	ReRun
18	Q3371-01	BP-VPB-184-TB-20251	VX048243.D	20 Oct 2025 16:59	vial A pH<2 TB; Surrogate Fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3371-02	BP-VPB-184-EB-20251	VX048244.D	20 Oct 2025 17:20	vial A pH<2 EB; Surrogate Fail; Hit of com.#16	JC/MD	ReRun
20	Q3371-04	BP-VPB-184-GW-915-9	VX048245.D	20 Oct 2025 17:41	vial A pH<2	JC/MD	Ok
21	Q3371-05	BP-VPB-184-GW-920-9	VX048246.D	20 Oct 2025 18:02	vial A pH<2	JC/MD	Ok
22	VX1020WBSD01	VX1020WBSD01	VX048247.D	20 Oct 2025 18:22		JC/MD	Ok,M
23	VX1020MBS01	VX1020MBS01	VX048248.D	20 Oct 2025 18:43		JC/MD	Ok,M
24	Q3390-01	4174	VX048249.D	20 Oct 2025 19:04	cloth material	JC/MD	Ok
25	VSTDCCC050	VSTDCCC050EC	VX048250.D	20 Oct 2025 19:25		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:35:38 PM		
SubDirectory	VX102225	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135885
Initial Calibration Stds	
CCC	VP135886,VP135887
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048279.D	22 Oct 2025 08:07		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048280.D	22 Oct 2025 08:37	pH#Lot#V12668	JC/MD	Ok,M
3	VX1022MBL01	VX1022MBL01	VX048281.D	22 Oct 2025 09:05		JC/MD	Ok
4	VX1022WBL01	VX1022WBL01	VX048282.D	22 Oct 2025 09:26		JC/MD	Ok
5	VX1022WBS01	VX1022WBS01	VX048283.D	22 Oct 2025 09:53		JC/MD	Ok,M
6	VX1022WBSD01	VX1022WBSD01	VX048284.D	22 Oct 2025 10:18		JC/MD	Ok,M
7	Q3368-06	OUTSIDE-DUMPSTER	VX048285.D	22 Oct 2025 10:39	vial A pH#5.0	JC/MD	Ok
8	Q3368-07	PRESS-SLUDGE	VX048286.D	22 Oct 2025 11:00	not purge; RT Shifted	JC/MD	Not Ok
9	Q3397-04	TP-7-WC	VX048287.D	22 Oct 2025 11:20	vial A pH#5.0	JC/MD	Ok,M
10	Q3368-07	PRESS-SLUDGE	VX048288.D	22 Oct 2025 11:41	vial A pH#5.0 foamy sample	JC/MD	Ok
11	Q3402-03	41-LA	VX048289.D	22 Oct 2025 12:02	vial A pH#5.0	JC/MD	Ok
12	Q3402-06	41-RA	VX048290.D	22 Oct 2025 12:23	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
13	Q3402-09	41-LB	VX048291.D	22 Oct 2025 12:43	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
14	Q3402-12	41-RB	VX048292.D	22 Oct 2025 13:04	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
15	Q3403-04	MH-18	VX048293.D	22 Oct 2025 13:25	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
16	Q3412-04	TP-6	VX048294.D	22 Oct 2025 13:46	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
17	PB170173TB	PB170173TB	VX048295.D	22 Oct 2025 14:06		JC/MD	Ok
18	Q3373-01	STORAGE-BLANK-SO	VX048296.D	22 Oct 2025 14:27	vial A pH<2 Surrogate fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102225

Review By	John Carlone	Review On	10/24/2025 8:33:44 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:35:38 PM		
SubDirectory	VX102225	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135885
Initial Calibration Stds	
CCC	VP135886,VP135887
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3373-02	STORAGE-BLANK-WA	VX048297.D	22 Oct 2025 14:48	vial A pH<2 Surrogate fail	JC/MD	ReRun
20	Q3373-03	STORAGE-BLANK-WA	VX048298.D	22 Oct 2025 15:09	vial A pH<2 Surrogate fail	JC/MD	ReRun
21	Q3373-04	STORAGE-BLANK-SAI	VX048299.D	22 Oct 2025 15:29	vial A pH<2 Surrogate fail	JC/MD	ReRun
22	Q3399-04	COMP-ROLLOFF	VX048300.D	22 Oct 2025 15:50	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
23	Q3402-06RE	41-RARE	VX048301.D	22 Oct 2025 16:11	vial B pH#5.0 Surrogate fail	JC/MD	Confirms
24	Q3402-09	41-LB	VX048302.D	22 Oct 2025 16:32	vial B pH#5.0	JC/MD	Ok
25	Q3402-12RE	41-RBRE	VX048303.D	22 Oct 2025 16:53	vial B pH#5.0 Surrogate fail	JC/MD	Confirms
26	Q3426-01	TWP2	VX048304.D	22 Oct 2025 17:13	Run @ Lower Dilution	JC/MD	Not Ok
27	Q3426-02	TWP3	VX048305.D	22 Oct 2025 17:34	Run @ Lower Dilution; Surrogate Fail	JC/MD	Not Ok
28	Q3426-03	TWP5	VX048306.D	22 Oct 2025 17:55	Run @ Lower Dilution; Surrogate Fail	JC/MD	Not Ok
29	Q3426-04	MW2	VX048307.D	22 Oct 2025 18:16	Run @ Lower Dilution	JC/MD	Not Ok
30	VSTDCCC050	VSTDCCC050EC	VX048308.D	22 Oct 2025 18:36		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102425

Review By	John Carlone	Review On	10/27/2025 8:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:53:02 PM		
SubDirectory	VX102425	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135915
Initial Calibration Stds	
CCC	VP135916,VP135917
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048338.D	24 Oct 2025 08:19		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048339.D	24 Oct 2025 09:16	CCC Failed Low For Com.#03,16	JC/MD	Ok,M
3	VX1024WBL01	VX1024WBL01	VX048340.D	24 Oct 2025 09:48	Surrogate fail for DOD	JC/MD	Ok
4	VX1024WBS01	VX1024WBS01	VX048341.D	24 Oct 2025 10:15		JC/MD	Ok,M
5	VX1024WBSD01	VX1024WBSD01	VX048342.D	24 Oct 2025 10:43		JC/MD	Ok,M
6	Q3399-04RE	COMP-ROLLOFFRE	VX048343.D	24 Oct 2025 11:03	vial B pH#5.0,Bl Fail	JC/MD	Confirms
7	Q3414-13DL	SB-13DL	VX048344.D	24 Oct 2025 11:24	vial B pH#5.0	JC/MD	Ok
8	Q3414-11DL	SB-11DL	VX048345.D	24 Oct 2025 11:45	vial B pH#5.0	JC/MD	Ok
9	Q3414-12DL	SB-12DL	VX048346.D	24 Oct 2025 12:05	vial B pH#5.0	JC/MD	Ok
10	Q3403-04	MH-18	VX048347.D	24 Oct 2025 12:26	vial B pH#5.0	JC/MD	Ok
11	Q3412-04	TP-6	VX048348.D	24 Oct 2025 12:47	vial B pH#5.0	JC/MD	Ok
12	IBLK	IBLK	VX048349.D	24 Oct 2025 13:07		JC/MD	Ok
13	Q3454-01	101625	VX048350.D	24 Oct 2025 14:47	Surrogate fail; Run @ lower dilution	JC/MD	Not Ok
14	Q3464-01	MW2	VX048351.D	24 Oct 2025 15:08	vial A pH<2 CCC Failed Low, BS;BSD Failed Low	JC/MD	ReRun
15	Q3464-02	MW3	VX048352.D	24 Oct 2025 15:28	vial A pH<2 Surrogate fail; CCC Failed Low, BS;BSD Failed Low	JC/MD	ReRun
16	VSTDCCC050	VSTDCCC050EC	VX048353.D	24 Oct 2025 15:49		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-03	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			VOC-TCLVOA-10	8260D			10/21/25	
Q3399-04	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP VOA	8260D			10/22/25	
Q3399-04RE	**COMP-ROLLOFFRE**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP VOA	8260D			10/24/25	

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170173

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : ZHE-1 / ZHE-2

TCLP Filter ID : 60828725

Start Prep Date : 10/21/2025 **Time :** 14:00

End Prep Date : 10/22/2025 **Time :** 07:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 18

Initial Room Temperature: 22 °C

Final Room Temperature: 21 °C

TCLP Technician Signature : JP

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
40ml VOA Vials	4127	N/A

Extraction Conformance/Non-Conformance Comments:

ALL ZHE samples are extracted and given as vial A & B. Leck checked after 10 minutes of tumbling. TUMBLER ZHE1- /ZHE-2 checked,30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	JP Prep Room	R VOC Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170173

Sample ID	ClientID	ZHE Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170173TB	LEB173	11	N/A	500	N/A	N/A	N/A	N/A	N/A	ZHE-2
Q3368-06	OUTSIDE-DUMPSTER	01	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3368-07	PRESS-SLUDGE	02	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3397-04	TP-7-WC	03	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3399-04	COMP-ROLLOFF	04	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-03	41-LA	05	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-06	41-RA	06	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-09	41-LB	07	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3402-12	41-RB	08	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3403-04	MH-18	09	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q3412-04	TP-6	10	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170173TB	LEB173	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-04	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP ZHE Q3406 **WorkList ID :** 192577 **Department :** TCLP Extraction **Date :** 10-21-2025 09:35:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP ZHE Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311 ZHE
Q3368-07	PRESS-SLUDGE	Solid	TCLP ZHE Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311 ZHE
Q3397-04	TP-7-WC	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311 ZHE
Q3399-04	COMP-ROLLOFF	Solid	TCLP ZHE Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311 ZHE
Q3402-03	41-LA	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3402-06	41-RA	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3402-09	41-LB	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3402-12	41-RB	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE
Q3403-04	MH-18	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311 ZHE
Q3412-04	TP-6	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311 ZHE

Date/Time 10/21/25 12:00
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 10/21/25 15:30
Raw Sample Received by:
Raw Sample Relinquished by:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**COMP-ROLLOFF**									
Q3399-01	COMP-ROLLOFF	SOIL	1-Docosene	*	190.000	J	0		0	ug/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Benzophenone	*	240.000	J	0		0	ug/Kg
			Total Tics :		**430.00**					
			Total Concentration:		**430.00**					

SAMPLE DATA

Raw Data: **BG064682.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	300	U	1	170	300	370	ug/Kg	11/03/25 21:24	PB170206
108-95-2	Phenol	140	U	1	24.5	140	190	ug/Kg	11/03/25 21:24	PB170206
111-44-4	bis(2-Chloroethyl)ether	140	U	1	26.9	140	190	ug/Kg	11/03/25 21:24	PB170206
95-57-8	2-Chlorophenol	140	U	1	27.1	140	190	ug/Kg	11/03/25 21:24	PB170206
95-48-7	2-Methylphenol	140	U	1	33.2	140	190	ug/Kg	11/03/25 21:24	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	1	41.6	140	190	ug/Kg	11/03/25 21:24	PB170206
98-86-2	Acetophenone	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
65794-96-9	3+4-Methylphenols	300	U	1	45.6	300	370	ug/Kg	11/03/25 21:24	PB170206
621-64-7	n-Nitroso-di-n-propylamine	88.7	U	1	52.6	88.7	88.7	ug/Kg	11/03/25 21:24	PB170206
67-72-1	Hexachloroethane	140	U	1	19.5	140	190	ug/Kg	11/03/25 21:24	PB170206
98-95-3	Nitrobenzene	140	U	1	20.3	140	190	ug/Kg	11/03/25 21:24	PB170206
78-59-1	Isophorone	140	U	1	36.4	140	190	ug/Kg	11/03/25 21:24	PB170206
88-75-5	2-Nitrophenol	140	UM	1	64.5	140	190	ug/Kg	11/03/25 21:24	PB170206
105-67-9	2,4-Dimethylphenol	140	U	1	71.9	140	190	ug/Kg	11/03/25 21:24	PB170206
111-91-1	bis(2-Chloroethoxy)methane	140	U	1	34.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-83-2	2,4-Dichlorophenol	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
91-20-3	Naphthalene	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
106-47-8	4-Chloroaniline	140	U	1	39.3	140	190	ug/Kg	11/03/25 21:24	PB170206
87-68-3	Hexachlorobutadiene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
105-60-2	Caprolactam	300	U	1	57.8	300	370	ug/Kg	11/03/25 21:24	PB170206
59-50-7	4-Chloro-3-methylphenol	140	U	1	31.8	140	190	ug/Kg	11/03/25 21:24	PB170206
91-57-6	2-Methylnaphthalene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
77-47-4	Hexachlorocyclopentadiene	300	UQM	1	130	300	370	ug/Kg	11/03/25 21:24	PB170206
88-06-2	2,4,6-Trichlorophenol	140	U	1	22.0	140	190	ug/Kg	11/03/25 21:24	PB170206
95-95-4	2,4,5-Trichlorophenol	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
92-52-4	1,1-Biphenyl	140	U	1	24.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-58-7	2-Chloronaphthalene	140	U	1	25.0	140	190	ug/Kg	11/03/25 21:24	PB170206
88-74-4	2-Nitroaniline	140	U	1	53.3	140	190	ug/Kg	11/03/25 21:24	PB170206
131-11-3	Dimethylphthalate	140	U	1	30.1	140	190	ug/Kg	11/03/25 21:24	PB170206
208-96-8	Acenaphthylene	140	U	1	32.1	140	190	ug/Kg	11/03/25 21:24	PB170206
606-20-2	2,6-Dinitrotoluene	140	U	1	37.3	140	190	ug/Kg	11/03/25 21:24	PB170206
99-09-2	3-Nitroaniline	140	U	1	51.0	140	190	ug/Kg	11/03/25 21:24	PB170206
83-32-9	Acenaphthene	140	U	1	23.6	140	190	ug/Kg	11/03/25 21:24	PB170206
51-28-5	2,4-Dinitrophenol	300	U	1	250	300	370	ug/Kg	11/03/25 21:24	PB170206
100-02-7	4-Nitrophenol	300	U	1	120	300	370	ug/Kg	11/03/25 21:24	PB170206
132-64-9	Dibenzofuran	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
121-14-2	2,4-Dinitrotoluene	140	U	1	55.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-66-2	Diethylphthalate	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
7005-72-3	4-Chlorophenyl-phenylether	140	U	1	29.6	140	190	ug/Kg	11/03/25 21:24	PB170206
86-73-7	Fluorene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
100-01-6	4-Nitroaniline	140	U	1	71.2	140	190	ug/Kg	11/03/25 21:24	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	300	U	1	110	300	370	ug/Kg	11/03/25 21:24	PB170206

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	140	U	1	36.5	140	190	ug/Kg	11/03/25 21:24	PB170206
101-55-3	4-Bromophenyl-phenylether	140	U	1	30.8	140	190	ug/Kg	11/03/25 21:24	PB170206
118-74-1	Hexachlorobenzene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
1912-24-9	Atrazine	140	U	1	37.7	140	190	ug/Kg	11/03/25 21:24	PB170206
87-86-5	Pentachlorophenol	300	U	1	56.9	300	370	ug/Kg	11/03/25 21:24	PB170206
85-01-8	Phenanthrene	140	U	1	23.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-12-7	Anthracene	140	U	1	36.9	140	190	ug/Kg	11/03/25 21:24	PB170206
86-74-8	Carbazole	140	U	1	34.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-74-2	Di-n-butylphthalate	140	U	1	53.1	140	190	ug/Kg	11/03/25 21:24	PB170206
206-44-0	Fluoranthene	140	U	1	33.3	140	190	ug/Kg	11/03/25 21:24	PB170206
129-00-0	Pyrene	140	U	1	39.9	140	190	ug/Kg	11/03/25 21:24	PB170206
85-68-7	Butylbenzylphthalate	140	U	1	79.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-94-1	3,3-Dichlorobenzidine	300	U	1	40.7	300	370	ug/Kg	11/03/25 21:24	PB170206
56-55-3	Benzo(a)anthracene	140	U	1	25.5	140	190	ug/Kg	11/03/25 21:24	PB170206
218-01-9	Chrysene	140	U	1	22.1	140	190	ug/Kg	11/03/25 21:24	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	1	65.7	140	190	ug/Kg	11/03/25 21:24	PB170206
117-84-0	Di-n-octyl phthalate	300	U	1	96.3	300	370	ug/Kg	11/03/25 21:24	PB170206
205-99-2	Benzo(b)fluoranthene	140	U	1	21.1	140	190	ug/Kg	11/03/25 21:24	PB170206
207-08-9	Benzo(k)fluoranthene	140	U	1	24.8	140	190	ug/Kg	11/03/25 21:24	PB170206
50-32-8	Benzo(a)pyrene	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
53-70-3	Dibenzo(a,h)anthracene	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
191-24-2	Benzo(g,h,i)perylene	140	U	1	28.5	140	190	ug/Kg	11/03/25 21:24	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
123-91-1	1,4-Dioxane	140	UQM		50.1	140	190	ug/Kg	11/03/25 21:24	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	89.1			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.5			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.2			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.5			44 - 115		65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	104			39 - 132		69%	SPK: 150		
1718-51-0	Terphenyl-d14	61.8			54 - 127		62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	32100								
1146-65-2	Naphthalene-d8	123000								
15067-26-2	Acenaphthene-d10	95300								
1517-22-2	Phenanthrene-d10	252000								
1719-03-5	Chrysene-d12	301000								
1520-96-3	Perylene-d12	332000								
TENTATIVE IDENTIFIED COMPOUNDS										
000119-61-9	Benzophenone	240	J				16.2	ug/Kg		
001599-67-3	1-Docosene	190	J				21.5	ug/Kg		

Raw Data: **BG064682.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170206BL	PB170206BL	2-Fluorophenol	150	139	93		35	115
		Phenol-d6	150	127	85		34	127
		Nitrobenzene-d5	100	110	110		37	122
		2-Fluorobiphenyl	100	93.6	94		44	115
		2,4,6-Tribromophenol	150	159	106		39	132
		Terphenyl-d14	100	96.5	97		54	127
PB170206BS	PB170206BS	2-Fluorophenol	150	122	82		35	115
		Phenol-d6	150	123	82		34	127
		Nitrobenzene-d5	100	92.4	92		37	122
		2-Fluorobiphenyl	100	81.6	82		44	115
		2,4,6-Tribromophenol	150	147	98		39	132
		Terphenyl-d14	100	86.2	86		54	127
Q3399-01	COMP-ROLLOFF	2-Fluorophenol	150	89.1	59		35	115
		Phenol-d6	150	91.5	61		34	127
		Nitrobenzene-d5	100	74.2	74		37	122
		2-Fluorobiphenyl	100	64.5	65		44	115
		2,4,6-Tribromophenol	150	104	69		39	132
		Terphenyl-d14	100	61.8	62		54	127
Q3399-01MS	COMP-ROLLOFFMS	2-Fluorophenol	150	88.7	59		35	115
		Phenol-d6	150	91.3	61		34	127
		Nitrobenzene-d5	100	68.7	69		37	122
		2-Fluorobiphenyl	100	59.5	60		44	115
		2,4,6-Tribromophenol	150	119	79		39	132
		Terphenyl-d14	100	59.9	60		54	127
Q3399-01MSD	COMP-ROLLOFFMSD	2-Fluorophenol	150	91.1	61		35	115
		Phenol-d6	150	98.9	66		34	127
		Nitrobenzene-d5	100	74.1	74		37	122
		2-Fluorobiphenyl	100	60.0	60		44	115
		2,4,6-Tribromophenol	150	121	81		39	132
		Terphenyl-d14	100	60.6	61		54	127

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MS		**Client Sample ID: COMP-ROLLOFFMS**									
Benzaldehyde	1800	0	1100	ug/Kg	61				10	161	
Phenol	1800	0	1700	ug/Kg	94				34	121	
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83				31	120	
2-Chlorophenol	1800	0	1900	ug/Kg	106				34	121	
2-Methylphenol	1800	0	1800	ug/Kg	100				32	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				33	131	
Acetophenone	1800	0	1900	ug/Kg	106				33	115	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				34	119	
N-Nitroso-di-n-propylamine	1800	0	1700	ug/Kg	94				36	120	
Hexachloroethane	1800	0	1800	ug/Kg	100				28	117	
Nitrobenzene	1800	0	1900	ug/Kg	106				34	122	
Isophorone	1800	0	1600	ug/Kg	89				30	122	
2-Nitrophenol	1800	0	2200	ug/Kg	122				36	123	
2,4-Dimethylphenol	1800	0	1900	ug/Kg	106				30	127	
bis(2-Chloroethoxy)methane	1800	0	1600	ug/Kg	89				36	121	
2,4-Dichlorophenol	1800	0	2000	ug/Kg	111				40	122	
Naphthalene	1800	0	1700	ug/Kg	94				35	123	
4-Chloroaniline	1800	0	870	ug/Kg	48				17	106	
Hexachlorobutadiene	1800	0	1900	ug/Kg	106				32	123	
Caprolactam	1800	0	1500	ug/Kg	83				46	117	
4-Chloro-3-methylphenol	1800	0	1900	ug/Kg	106				45	122	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				38	122	
Hexachlorocyclopentadiene	3700	0	5500	ug/Kg	149	*			43	112	
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111				39	126	
2,4,5-Trichlorophenol	1800	0	2000	ug/Kg	111				41	124	
1,1-Biphenyl	1800	0	1900	ug/Kg	106				40	117	
2-Chloronaphthalene	1800	0	1700	ug/Kg	94				41	114	
2-Nitroaniline	1800	0	1900	ug/Kg	106				44	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				48	124	
Acenaphthylene	1800	0	2000	ug/Kg	111				32	132	
2,6-Dinitrotoluene	1800	0	2100	ug/Kg	117				46	124	
3-Nitroaniline	1800	0	1600	ug/Kg	89				33	119	
Acenaphthene	1800	0	1900	ug/Kg	106				40	123	
2,4-Dinitrophenol	3700	0	4100	ug/Kg	111				15	130	
4-Nitrophenol	3700	0	3500	ug/Kg	95				30	132	
Dibenzofuran	1800	0	1800	ug/Kg	100				44	120	
2,4-Dinitrotoluene	1800	0	2100	ug/Kg	117				48	126	
Diethylphthalate	1800	0	1700	ug/Kg	94				50	124	
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106				45	121	
Fluorene	1800	0	1800	ug/Kg	100				43	125	
4-Nitroaniline	1800	0	2000	ug/Kg	111				35	115	
4,6-Dinitro-2-methylphenol	1800	0	2300	ug/Kg	128				29	132	
N-Nitrosodiphenylamine	1800	0	1800	ug/Kg	100				38	127	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				46	124	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				45	122	
Atrazine	1800	0	2000	ug/Kg	111				47	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70				25	133	
Phenanthrene	1800	0	1800	ug/Kg	100				50	121	
Anthracene	1800	0	1800	ug/Kg	100				47	123	
Carbazole	1800	0	1800	ug/Kg	100				50	123	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				51	128	
Fluoranthene	1800	0	1800	ug/Kg	100				50	127	
Pyrene	1800	0	1700	ug/Kg	94				47	127	
Butylbenzylphthalate	1800	0	1900	ug/Kg	106				48	132	
3,3-Dichlorobenzidine	1800	0	1300	ug/Kg	72				22	121	
Benzo(a)anthracene	1800	0	1800	ug/Kg	100				49	126	
Chrysene	1800	0	1800	ug/Kg	100				50	124	
bis(2-Ethylhexyl)phthalate	1800	0	1800	ug/Kg	100				51	133	
Di-n-octyl phthalate	1800	0	1900	ug/Kg	106				45	140	
Benzo(b)fluoranthene	1800	0	1800	ug/Kg	100				45	132	
Benzo(k)fluoranthene	1800	0	1800	ug/Kg	100				47	132	
Benzo(a)pyrene	1800	0	1900	ug/Kg	106				45	129	
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100				45	133	
Dibenz(a,h)anthracene	1800	0	1800	ug/Kg	100				45	134	
Benzo(g,h,i)perylene	1800	0	1900	ug/Kg	106				43	134	
1,2,4,5-Tetrachlorobenzene	1800	0	2000	ug/Kg	111				37	119	
1,4-Dioxane	1800	0	1200	ug/Kg	67	*			70	130	
2,3,4,6-Tetrachlorophenol	1800	0	2000	ug/Kg	111				44	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MSD		**Client Sample ID: COMP-ROLLOFFMSD**									
Benzaldehyde	1900	0	1200	ug/Kg	63		3		10	161	20
Phenol	1900	0	1800	ug/Kg	95		1		34	121	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		1		31	120	20
2-Chlorophenol	1900	0	2000	ug/Kg	105		1		34	121	20
2-Methylphenol	1900	0	1900	ug/Kg	100		0		32	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84		6		33	131	20
Acetophenone	1900	0	2000	ug/Kg	105		1		33	115	20
3+4-Methylphenols	1900	0	1800	ug/Kg	95		5		34	119	20
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89		5		36	120	20
Hexachloroethane	1900	0	1900	ug/Kg	100		0		28	117	20
Nitrobenzene	1900	0	2000	ug/Kg	105		1		34	122	20
Isophorone	1900	0	1700	ug/Kg	89		0		30	122	20
2-Nitrophenol	1900	0	2400	ug/Kg	126	*	3		36	123	20
2,4-Dimethylphenol	1900	0	2000	ug/Kg	105		1		30	127	20
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89		0		36	121	20
2,4-Dichlorophenol	1900	0	2100	ug/Kg	111		0		40	122	20
Naphthalene	1900	0	1800	ug/Kg	95		1		35	123	20
4-Chloroaniline	1900	0	930	ug/Kg	49		2		17	106	20
Hexachlorobutadiene	1900	0	2000	ug/Kg	105		1		32	123	20
Caprolactam	1900	0	1700	ug/Kg	89		7		46	117	20
4-Chloro-3-methylphenol	1900	0	2000	ug/Kg	105		1		45	122	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89		0		38	122	20
Hexachlorocyclopentadiene	3700	0	5600	ug/Kg	151	*	1		43	112	20
2,4,6-Trichlorophenol	1900	0	2100	ug/Kg	111		0		39	126	20
2,4,5-Trichlorophenol	1900	0	2000	ug/Kg	105		6		41	124	20
1,1-Biphenyl	1900	0	2000	ug/Kg	105		1		40	117	20
2-Chloronaphthalene	1900	0	1800	ug/Kg	95		1		41	114	20
2-Nitroaniline	1900	0	2000	ug/Kg	105		1		44	127	20
Dimethylphthalate	1900	0	1800	ug/Kg	95		1		48	124	20
Acenaphthylene	1900	0	2000	ug/Kg	105		6		32	132	20
2,6-Dinitrotoluene	1900	0	2200	ug/Kg	116		1		46	124	20
3-Nitroaniline	1900	0	1600	ug/Kg	84		6		33	119	20
Acenaphthene	1900	0	2000	ug/Kg	105		1		40	123	20
2,4-Dinitrophenol	3700	0	4000	ug/Kg	108		3		15	130	20
4-Nitrophenol	3700	0	3500	ug/Kg	95		0		30	132	20
Dibenzofuran	1900	0	1800	ug/Kg	95		5		44	120	20
2,4-Dinitrotoluene	1900	0	2100	ug/Kg	111		5		48	126	20
Diethylphthalate	1900	0	1800	ug/Kg	95		1		50	124	20
4-Chlorophenyl-phenylether	1900	0	1900	ug/Kg	100		6		45	121	20
Fluorene	1900	0	1800	ug/Kg	95		5		43	125	20
4-Nitroaniline	1900	0	2000	ug/Kg	105		6		35	115	20
4,6-Dinitro-2-methylphenol	1900	0	2400	ug/Kg	126		2		29	132	20
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100		0		38	127	20
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105		1		46	124	20
Hexachlorobenzene	1900	0	2000	ug/Kg	105		6		45	122	20
Atrazine	1900	0	2000	ug/Kg	105		6		47	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70		0		25	133	20
Phenanthrene	1900	0	1800	ug/Kg	95		5		50	121	20
Anthracene	1900	0	1800	ug/Kg	95		5		47	123	20
Carbazole	1900	0	1800	ug/Kg	95		5		50	123	20
Di-n-butylphthalate	1900	0	1800	ug/Kg	95		5		51	128	20
Fluoranthene	1900	0	1800	ug/Kg	95		5		50	127	20
Pyrene	1900	0	1700	ug/Kg	89		5		47	127	20
Butylbenzylphthalate	1900	0	2000	ug/Kg	105		1		48	132	20
3,3-Dichlorobenzidine	1900	0	1400	ug/Kg	74		3		22	121	20
Benzo(a)anthracene	1900	0	1800	ug/Kg	95		5		49	126	20
Chrysene	1900	0	1800	ug/Kg	95		5		50	124	20
bis(2-Ethylhexyl)phthalate	1900	0	1900	ug/Kg	100		0		51	133	20
Di-n-octyl phthalate	1900	0	1900	ug/Kg	100		6		45	140	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		45	132	20
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100		0		47	132	20
Benzo(a)pyrene	1900	0	1900	ug/Kg	100		6		45	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100		0		45	133	20
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100		0		45	134	20
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100		6		43	134	20
1,2,4,5-Tetrachlorobenzene	1900	0	2100	ug/Kg	111		0		37	119	20
1,4-Dioxane	1900	0	1200	ug/Kg	63	*	6		70	130	20
2,3,4,6-Tetrachlorophenol	1900	0	2200	ug/Kg	116		4		44	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB170206BS	Benzaldehyde	1700	980	ug/Kg	58				10	161	
	Phenol	1700	1400	ug/Kg	82				34	121	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				31	120	
	2-Chlorophenol	1700	1500	ug/Kg	88				34	121	
	2-Methylphenol	1700	1500	ug/Kg	88				32	122	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				33	131	
	Acetophenone	1700	1500	ug/Kg	88				33	115	
	3+4-Methylphenols	1700	1400	ug/Kg	82				34	119	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				36	120	
	Hexachloroethane	1700	1400	ug/Kg	82				28	117	
	Nitrobenzene	1700	1500	ug/Kg	88				34	122	
	Isophorone	1700	1300	ug/Kg	76				30	122	
	2-Nitrophenol	1700	1700	ug/Kg	100				36	123	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				30	127	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				36	121	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				40	122	
	Naphthalene	1700	1400	ug/Kg	82				35	123	
	4-Chloroaniline	1700	700	ug/Kg	41				17	106	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				32	123	
	Caprolactam	1700	1400	ug/Kg	82				46	117	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				45	122	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				38	122	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127		*		43	112	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				39	126	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				41	124	
	1,1-Biphenyl	1700	1600	ug/Kg	94				40	117	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				41	114	
	2-Nitroaniline	1700	1500	ug/Kg	88				44	127	
	Dimethylphthalate	1700	1500	ug/Kg	88				48	124	
	Acenaphthylene	1700	1700	ug/Kg	100				32	132	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106				46	124	
	3-Nitroaniline	1700	1200	ug/Kg	71				33	119	
	Acenaphthene	1700	1600	ug/Kg	94				40	123	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				15	130	
	4-Nitrophenol	3300	3100	ug/Kg	94				30	132	
	Dibenzofuran	1700	1400	ug/Kg	82				44	120	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				48	126	
	Diethylphthalate	1700	1500	ug/Kg	88				50	124	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				45	121	
	Fluorene	1700	1500	ug/Kg	88				43	125	
	4-Nitroaniline	1700	1700	ug/Kg	100				35	115	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				29	132	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				38	127	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				46	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170206BS	Hexachlorobenzene	1700	1500	ug/Kg	88				45	122	
	Atrazine	1700	1600	ug/Kg	94				47	127	
	Pentachlorophenol	3300	3300	ug/Kg	100				25	133	
	Phenanthrene	1700	1500	ug/Kg	88				50	121	
	Anthracene	1700	1500	ug/Kg	88				47	123	
	Carbazole	1700	1500	ug/Kg	88				50	123	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				51	128	
	Fluoranthene	1700	1500	ug/Kg	88				50	127	
	Pyrene	1700	1400	ug/Kg	82				47	127	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				48	132	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				22	121	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				49	126	
	Chrysene	1700	1400	ug/Kg	82				50	124	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				51	133	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				45	140	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				45	132	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				47	132	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				45	133	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				45	134	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				43	134	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				37	119	
	1,4-Dioxane	1700	1000	ug/Kg	59		*		70	130	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				44	125	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170206BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064673.D | Lab Sample ID: PB170206BL

Instrument ID: BNA_G | Date Extracted: 10/22/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 15:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170206BS	PB170206BS	BG064674.D	11/03/2025
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064671.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.3 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064672.D	11/03/2025	14:35
PB170206BL	PB170206BL	BG064673.D	11/03/2025	15:16
PB170206BS	PB170206BS	BG064674.D	11/03/2025	15:57
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025	21:24
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025	22:05
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025	22:46
SSTDCCC040EC	SSTDCCC040	BG064685.D	11/03/2025	23:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	31906	8.207	126610	11.04	99069	14.83
	UPPER LIMIT	63812	8.707	253220	11.539	198138	15.334
	LOWER LIMIT	15953	7.707	63305	10.539	49534.5	14.334
	EPA SAMPLE NO.						
01	PB170206BL	33303	8.21	120360	11.04	97938	14.83
02	PB170206BS	31473	8.21	125369	11.04	100193	14.83
03	COMP-ROLLOFF	32053	8.21	122752	11.04	95326	14.83
04	COMP-ROLLOFFMS	30518	8.21	124719	11.03	97711	14.83
05	COMP-ROLLOFFMSD	29939	8.21	118752	11.03	97631	14.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	239125	17.572	279624	21.85	296512	25.187
	UPPER LIMIT	478250	18.072	559248	22.35	593024	25.687
	LOWER LIMIT	119563	17.072	139812	21.35	148256	24.687
	EPA SAMPLE NO.						
01	PB170206BL	255703	17.57	321187	21.84	341510	25.17
02	PB170206BS	249048	17.57	291284	21.85	304737	25.18
03	COMP-ROLLOFF	251613	17.57	301190	21.84	331540	25.17
04	COMP-ROLLOFFMS	238341	17.57	278646	21.84	306904	25.17
05	COMP-ROLLOFFMSD	238127	17.57	275359	21.84	303393	25.18

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BL	SDG No.:	Q3399
Lab Sample ID:	PB170206BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	270	U	1	160	270	330	ug/Kg	11/03/25 15:16	PB170206
108-95-2	Phenol	130	U	1	22.1	130	170	ug/Kg	11/03/25 15:16	PB170206
111-44-4	bis(2-Chloroethyl)ether	130	U	1	24.3	130	170	ug/Kg	11/03/25 15:16	PB170206
95-57-8	2-Chlorophenol	130	U	1	24.4	130	170	ug/Kg	11/03/25 15:16	PB170206
95-48-7	2-Methylphenol	130	U	1	29.9	130	170	ug/Kg	11/03/25 15:16	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	1	37.5	130	170	ug/Kg	11/03/25 15:16	PB170206
98-86-2	Acetophenone	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
65794-96-9	3+4-Methylphenols	270	U	1	41.1	270	330	ug/Kg	11/03/25 15:16	PB170206
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	80.0	ug/Kg	11/03/25 15:16	PB170206
67-72-1	Hexachloroethane	130	U	1	17.6	130	170	ug/Kg	11/03/25 15:16	PB170206
98-95-3	Nitrobenzene	130	U	1	18.3	130	170	ug/Kg	11/03/25 15:16	PB170206
78-59-1	Isophorone	130	U	1	32.8	130	170	ug/Kg	11/03/25 15:16	PB170206
88-75-5	2-Nitrophenol	130	U	1	58.2	130	170	ug/Kg	11/03/25 15:16	PB170206
105-67-9	2,4-Dimethylphenol	130	U	1	64.8	130	170	ug/Kg	11/03/25 15:16	PB170206
111-91-1	bis(2-Chloroethoxy)methane	130	U	1	30.8	130	170	ug/Kg	11/03/25 15:16	PB170206
120-83-2	2,4-Dichlorophenol	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
91-20-3	Naphthalene	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
106-47-8	4-Chloroaniline	130	U	1	35.4	130	170	ug/Kg	11/03/25 15:16	PB170206
87-68-3	Hexachlorobutadiene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
105-60-2	Caprolactam	270	U	1	52.1	270	330	ug/Kg	11/03/25 15:16	PB170206
59-50-7	4-Chloro-3-methylphenol	130	U	1	28.7	130	170	ug/Kg	11/03/25 15:16	PB170206
91-57-6	2-Methylnaphthalene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
77-47-4	Hexachlorocyclopentadiene	270	U	1	120	270	330	ug/Kg	11/03/25 15:16	PB170206
88-06-2	2,4,6-Trichlorophenol	130	U	1	19.8	130	170	ug/Kg	11/03/25 15:16	PB170206
95-95-4	2,4,5-Trichlorophenol	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
92-52-4	1,1-Biphenyl	130	U	1	21.8	130	170	ug/Kg	11/03/25 15:16	PB170206
91-58-7	2-Chloronaphthalene	130	U	1	22.5	130	170	ug/Kg	11/03/25 15:16	PB170206
88-74-4	2-Nitroaniline	130	U	1	48.1	130	170	ug/Kg	11/03/25 15:16	PB170206
131-11-3	Dimethylphthalate	130	U	1	27.1	130	170	ug/Kg	11/03/25 15:16	PB170206
208-96-8	Acenaphthylene	130	U	1	28.9	130	170	ug/Kg	11/03/25 15:16	PB170206
606-20-2	2,6-Dinitrotoluene	130	U	1	33.6	130	170	ug/Kg	11/03/25 15:16	PB170206
99-09-2	3-Nitroaniline	130	U	1	46.0	130	170	ug/Kg	11/03/25 15:16	PB170206
83-32-9	Acenaphthene	130	U	1	21.3	130	170	ug/Kg	11/03/25 15:16	PB170206
51-28-5	2,4-Dinitrophenol	270	U	1	230	270	330	ug/Kg	11/03/25 15:16	PB170206
100-02-7	4-Nitrophenol	270	U	1	110	270	330	ug/Kg	11/03/25 15:16	PB170206
132-64-9	Dibenzofuran	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
121-14-2	2,4-Dinitrotoluene	130	U	1	50.1	130	170	ug/Kg	11/03/25 15:16	PB170206
84-66-2	Diethylphthalate	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
7005-72-3	4-Chlorophenyl-phenylether	130	U	1	26.7	130	170	ug/Kg	11/03/25 15:16	PB170206
86-73-7	Fluorene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
100-01-6	4-Nitroaniline	130	U	1	64.2	130	170	ug/Kg	11/03/25 15:16	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	270	U	1	100	270	330	ug/Kg	11/03/25 15:16	PB170206

Raw Data: **BG064673.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	130	U	1	32.9	130	170	ug/Kg	11/03/25 15:16	PB170206
101-55-3	4-Bromophenyl-phenylether	130	U	1	27.8	130	170	ug/Kg	11/03/25 15:16	PB170206
118-74-1	Hexachlorobenzene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
1912-24-9	Atrazine	130	U	1	34.0	130	170	ug/Kg	11/03/25 15:16	PB170206
87-86-5	Pentachlorophenol	270	U	1	51.3	270	330	ug/Kg	11/03/25 15:16	PB170206
85-01-8	Phenanthrene	130	U	1	20.9	130	170	ug/Kg	11/03/25 15:16	PB170206
120-12-7	Anthracene	130	U	1	33.3	130	170	ug/Kg	11/03/25 15:16	PB170206
86-74-8	Carbazole	130	U	1	31.2	130	170	ug/Kg	11/03/25 15:16	PB170206
84-74-2	Di-n-butylphthalate	130	U	1	47.9	130	170	ug/Kg	11/03/25 15:16	PB170206
206-44-0	Fluoranthene	130	U	1	30.0	130	170	ug/Kg	11/03/25 15:16	PB170206
129-00-0	Pyrene	130	U	1	36.0	130	170	ug/Kg	11/03/25 15:16	PB170206
85-68-7	Butylbenzylphthalate	130	U	1	71.4	130	170	ug/Kg	11/03/25 15:16	PB170206
91-94-1	3,3-Dichlorobenzidine	270	U	1	36.7	270	330	ug/Kg	11/03/25 15:16	PB170206
56-55-3	Benzo(a)anthracene	130	U	1	23.0	130	170	ug/Kg	11/03/25 15:16	PB170206
218-01-9	Chrysene	130	U	1	19.9	130	170	ug/Kg	11/03/25 15:16	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	1	59.2	130	170	ug/Kg	11/03/25 15:16	PB170206
117-84-0	Di-n-octyl phthalate	270	U	1	86.8	270	330	ug/Kg	11/03/25 15:16	PB170206
205-99-2	Benzo(b)fluoranthene	130	U	1	19.0	130	170	ug/Kg	11/03/25 15:16	PB170206
207-08-9	Benzo(k)fluoranthene	130	U	1	22.4	130	170	ug/Kg	11/03/25 15:16	PB170206
50-32-8	Benzo(a)pyrene	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
53-70-3	Dibenzo(a,h)anthracene	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
191-24-2	Benzo(g,h,i)perylene	130	U	1	25.7	130	170	ug/Kg	11/03/25 15:16	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
123-91-1	1,4-Dioxane	130	U	1	45.2	130	170	ug/Kg	11/03/25 15:16	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	139			35 - 115		93%	SPK: 150		
13127-88-3	Phenol-d6	127			34 - 127		85%	SPK: 150		
4165-60-0	Nitrobenzene-d5	110			37 - 122		110%	SPK: 100		
321-60-8	2-Fluorobiphenyl	93.6			44 - 115		94%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			39 - 132		106%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			54 - 127		97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	33300								
1146-65-2	Naphthalene-d8	120000								
15067-26-2	Acenaphthene-d10	97900								
1517-22-2	Phenanthrene-d10	256000								
1719-03-5	Chrysene-d12	321000								
1520-96-3	Perylene-d12	342000								

Raw Data: **BG064673.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BG064674.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	980		1	160	270	330	ug/Kg	11/03/25 15:57	PB170206
108-95-2	Phenol	1400		1	22.1	130	170	ug/Kg	11/03/25 15:57	PB170206
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	130	170	ug/Kg	11/03/25 15:57	PB170206
95-57-8	2-Chlorophenol	1500		1	24.4	130	170	ug/Kg	11/03/25 15:57	PB170206
95-48-7	2-Methylphenol	1500		1	29.9	130	170	ug/Kg	11/03/25 15:57	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	130	170	ug/Kg	11/03/25 15:57	PB170206
98-86-2	Acetophenone	1500		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
65794-96-9	3+4-Methylphenols	1400		1	41.1	270	330	ug/Kg	11/03/25 15:57	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1300		1	47.4	79.9	79.9	ug/Kg	11/03/25 15:57	PB170206
67-72-1	Hexachloroethane	1400		1	17.6	130	170	ug/Kg	11/03/25 15:57	PB170206
98-95-3	Nitrobenzene	1500		1	18.3	130	170	ug/Kg	11/03/25 15:57	PB170206
78-59-1	Isophorone	1300		1	32.8	130	170	ug/Kg	11/03/25 15:57	PB170206
88-75-5	2-Nitrophenol	1700		1	58.1	130	170	ug/Kg	11/03/25 15:57	PB170206
105-67-9	2,4-Dimethylphenol	1600		1	64.7	130	170	ug/Kg	11/03/25 15:57	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	130	170	ug/Kg	11/03/25 15:57	PB170206
120-83-2	2,4-Dichlorophenol	1600		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-20-3	Naphthalene	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
106-47-8	4-Chloroaniline	700		1	35.4	130	170	ug/Kg	11/03/25 15:57	PB170206
87-68-3	Hexachlorobutadiene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
105-60-2	Caprolactam	1400		1	52.0	270	330	ug/Kg	11/03/25 15:57	PB170206
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	130	170	ug/Kg	11/03/25 15:57	PB170206
91-57-6	2-Methylnaphthalene	1300		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
77-47-4	Hexachlorocyclopentadiene	4200	E	1	120	270	330	ug/Kg	11/03/25 15:57	PB170206
88-06-2	2,4,6-Trichlorophenol	1700		1	19.8	130	170	ug/Kg	11/03/25 15:57	PB170206
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
92-52-4	1,1-Biphenyl	1600		1	21.8	130	170	ug/Kg	11/03/25 15:57	PB170206
91-58-7	2-Chloronaphthalene	1400		1	22.5	130	170	ug/Kg	11/03/25 15:57	PB170206
88-74-4	2-Nitroaniline	1500		1	48.1	130	170	ug/Kg	11/03/25 15:57	PB170206
131-11-3	Dimethylphthalate	1500		1	27.1	130	170	ug/Kg	11/03/25 15:57	PB170206
208-96-8	Acenaphthylene	1700		1	28.9	130	170	ug/Kg	11/03/25 15:57	PB170206
606-20-2	2,6-Dinitrotoluene	1800		1	33.6	130	170	ug/Kg	11/03/25 15:57	PB170206
99-09-2	3-Nitroaniline	1200		1	46.0	130	170	ug/Kg	11/03/25 15:57	PB170206
83-32-9	Acenaphthene	1600		1	21.3	130	170	ug/Kg	11/03/25 15:57	PB170206
51-28-5	2,4-Dinitrophenol	3700	E	1	230	270	330	ug/Kg	11/03/25 15:57	PB170206
100-02-7	4-Nitrophenol	3100	E	1	110	270	330	ug/Kg	11/03/25 15:57	PB170206
132-64-9	Dibenzofuran	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	130	170	ug/Kg	11/03/25 15:57	PB170206
84-66-2	Diethylphthalate	1500		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	130	170	ug/Kg	11/03/25 15:57	PB170206
86-73-7	Fluorene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
100-01-6	4-Nitroaniline	1700		1	64.1	130	170	ug/Kg	11/03/25 15:57	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	1900		1	100	270	330	ug/Kg	11/03/25 15:57	PB170206

Raw Data: **BG064674.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	130	170	ug/Kg	11/03/25 15:57	PB170206
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	130	170	ug/Kg	11/03/25 15:57	PB170206
118-74-1	Hexachlorobenzene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
1912-24-9	Atrazine	1600		1	34.0	130	170	ug/Kg	11/03/25 15:57	PB170206
87-86-5	Pentachlorophenol	3300	E	1	51.2	270	330	ug/Kg	11/03/25 15:57	PB170206
85-01-8	Phenanthrene	1500		1	20.9	130	170	ug/Kg	11/03/25 15:57	PB170206
120-12-7	Anthracene	1500		1	33.3	130	170	ug/Kg	11/03/25 15:57	PB170206
86-74-8	Carbazole	1500		1	31.2	130	170	ug/Kg	11/03/25 15:57	PB170206
84-74-2	Di-n-butylphthalate	1500		1	47.9	130	170	ug/Kg	11/03/25 15:57	PB170206
206-44-0	Fluoranthene	1500		1	30.0	130	170	ug/Kg	11/03/25 15:57	PB170206
129-00-0	Pyrene	1400		1	36.0	130	170	ug/Kg	11/03/25 15:57	PB170206
85-68-7	Butylbenzylphthalate	1600		1	71.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	270	330	ug/Kg	11/03/25 15:57	PB170206
56-55-3	Benzo(a)anthracene	1500		1	23.0	130	170	ug/Kg	11/03/25 15:57	PB170206
218-01-9	Chrysene	1400		1	19.9	130	170	ug/Kg	11/03/25 15:57	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	130	170	ug/Kg	11/03/25 15:57	PB170206
117-84-0	Di-n-octyl phthalate	1600		1	86.7	270	330	ug/Kg	11/03/25 15:57	PB170206
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	130	170	ug/Kg	11/03/25 15:57	PB170206
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	130	170	ug/Kg	11/03/25 15:57	PB170206
50-32-8	Benzo(a)pyrene	1600		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	130	170	ug/Kg	11/03/25 15:57	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
123-91-1	1,4-Dioxane	1000		1	45.2	130	170	ug/Kg	11/03/25 15:57	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	122			35 - 115		82%	SPK: 150		
13127-88-3	Phenol-d6	123			34 - 127		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.4			37 - 122		92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	81.6			44 - 115		82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	147			39 - 132		98%	SPK: 150		
1718-51-0	Terphenyl-d14	86.2			54 - 127		86%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	31500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	100000								
1517-22-2	Phenanthrene-d10	249000								
1719-03-5	Chrysene-d12	291000								
1520-96-3	Perylene-d12	305000								

Raw Data: **BG064674.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BS			SDG No.:	Q3399
Lab Sample ID:	PB170206BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1100		1	170	300	370	ug/Kg	11/03/25 22:05	PB170206
108-95-2	Phenol	1700		1	24.5	140	190	ug/Kg	11/03/25 22:05	PB170206
111-44-4	bis(2-Chloroethyl)ether	1500		1	27.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-57-8	2-Chlorophenol	1900		1	27.1	140	190	ug/Kg	11/03/25 22:05	PB170206
95-48-7	2-Methylphenol	1800		1	33.2	140	190	ug/Kg	11/03/25 22:05	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:05	PB170206
98-86-2	Acetophenone	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:05	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:05	PB170206
67-72-1	Hexachloroethane	1800		1	19.5	140	190	ug/Kg	11/03/25 22:05	PB170206
98-95-3	Nitrobenzene	1900		1	20.3	140	190	ug/Kg	11/03/25 22:05	PB170206
78-59-1	Isophorone	1600		1	36.4	140	190	ug/Kg	11/03/25 22:05	PB170206
88-75-5	2-Nitrophenol	2200		1	64.6	140	190	ug/Kg	11/03/25 22:05	PB170206
105-67-9	2,4-Dimethylphenol	1900		1	71.9	140	190	ug/Kg	11/03/25 22:05	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1600		1	34.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-83-2	2,4-Dichlorophenol	2000		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
91-20-3	Naphthalene	1700		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
106-47-8	4-Chloroaniline	870		1	39.3	140	190	ug/Kg	11/03/25 22:05	PB170206
87-68-3	Hexachlorobutadiene	1900		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
105-60-2	Caprolactam	1500		1	57.8	300	370	ug/Kg	11/03/25 22:05	PB170206
59-50-7	4-Chloro-3-methylphenol	1900		1	31.8	140	190	ug/Kg	11/03/25 22:05	PB170206
91-57-6	2-Methylnaphthalene	1600		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
77-47-4	Hexachlorocyclopentadiene	5500	E	1	130	300	370	ug/Kg	11/03/25 22:05	PB170206
88-06-2	2,4,6-Trichlorophenol	2000		1	22.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
92-52-4	1,1-Biphenyl	1900		1	24.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-58-7	2-Chloronaphthalene	1700		1	25.0	140	190	ug/Kg	11/03/25 22:05	PB170206
88-74-4	2-Nitroaniline	1900		1	53.4	140	190	ug/Kg	11/03/25 22:05	PB170206
131-11-3	Dimethylphthalate	1700		1	30.1	140	190	ug/Kg	11/03/25 22:05	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:05	PB170206
606-20-2	2,6-Dinitrotoluene	2100		1	37.3	140	190	ug/Kg	11/03/25 22:05	PB170206
99-09-2	3-Nitroaniline	1600		1	51.0	140	190	ug/Kg	11/03/25 22:05	PB170206
83-32-9	Acenaphthene	1900		1	23.6	140	190	ug/Kg	11/03/25 22:05	PB170206
51-28-5	2,4-Dinitrophenol	4100	E	1	250	300	370	ug/Kg	11/03/25 22:05	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:05	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-66-2	Diethylphthalate	1700		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:05	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
100-01-6	4-Nitroaniline	2000		1	71.2	140	190	ug/Kg	11/03/25 22:05	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2300		1	110	300	370	ug/Kg	11/03/25 22:05	PB170206

Raw Data: **BG064683.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	36.5	140	190	ug/Kg	11/03/25 22:05	PB170206
101-55-3	4-Bromophenyl-phenylether	1900		1	30.8	140	190	ug/Kg	11/03/25 22:05	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:05	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:05	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-12-7	Anthracene	1800		1	36.9	140	190	ug/Kg	11/03/25 22:05	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.1	140	190	ug/Kg	11/03/25 22:05	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:05	PB170206
129-00-0	Pyrene	1700		1	39.9	140	190	ug/Kg	11/03/25 22:05	PB170206
85-68-7	Butylbenzylphthalate	1900		1	79.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-94-1	3,3-Dichlorobenzidine	1300		1	40.7	300	370	ug/Kg	11/03/25 22:05	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:05	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:05	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	65.7	140	190	ug/Kg	11/03/25 22:05	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.3	300	370	ug/Kg	11/03/25 22:05	PB170206
205-99-2	Benzo(b)fluoranthene	1800		1	21.1	140	190	ug/Kg	11/03/25 22:05	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	140	190	ug/Kg	11/03/25 22:05	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1800		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
53-70-3	Dibenzo(a,h)anthracene	1800		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:05	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
123-91-1	1,4-Dioxane	1200		1	50.1	140	190	ug/Kg	11/03/25 22:05	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	88.7			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.3			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.7			37 - 122		69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.5			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			39 - 132		79%	SPK: 150		
1718-51-0	Terphenyl-d14	59.9			54 - 127		60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	30500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	97700								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	279000								
1520-96-3	Perylene-d12	307000								

Raw Data: **BG064683.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1200		1	170	300	370	ug/Kg	11/03/25 22:46	PB170206
108-95-2	Phenol	1800		1	24.5	140	190	ug/Kg	11/03/25 22:46	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-57-8	2-Chlorophenol	2000		1	27.1	140	190	ug/Kg	11/03/25 22:46	PB170206
95-48-7	2-Methylphenol	1900		1	33.2	140	190	ug/Kg	11/03/25 22:46	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:46	PB170206
98-86-2	Acetophenone	2000		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:46	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:46	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	140	190	ug/Kg	11/03/25 22:46	PB170206
98-95-3	Nitrobenzene	2000		1	20.3	140	190	ug/Kg	11/03/25 22:46	PB170206
78-59-1	Isophorone	1700		1	36.4	140	190	ug/Kg	11/03/25 22:46	PB170206
88-75-5	2-Nitrophenol	2400		1	64.6	140	190	ug/Kg	11/03/25 22:46	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	140	190	ug/Kg	11/03/25 22:46	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-83-2	2,4-Dichlorophenol	2100		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
91-20-3	Naphthalene	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
106-47-8	4-Chloroaniline	930		1	39.3	140	190	ug/Kg	11/03/25 22:46	PB170206
87-68-3	Hexachlorobutadiene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
105-60-2	Caprolactam	1700		1	57.8	300	370	ug/Kg	11/03/25 22:46	PB170206
59-50-7	4-Chloro-3-methylphenol	2000		1	31.9	140	190	ug/Kg	11/03/25 22:46	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
77-47-4	Hexachlorocyclopentadiene	5600	E	1	130	300	370	ug/Kg	11/03/25 22:46	PB170206
88-06-2	2,4,6-Trichlorophenol	2100		1	22.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
92-52-4	1,1-Biphenyl	2000		1	24.2	140	190	ug/Kg	11/03/25 22:46	PB170206
91-58-7	2-Chloronaphthalene	1800		1	25.0	140	190	ug/Kg	11/03/25 22:46	PB170206
88-74-4	2-Nitroaniline	2000		1	53.4	140	190	ug/Kg	11/03/25 22:46	PB170206
131-11-3	Dimethylphthalate	1800		1	30.1	140	190	ug/Kg	11/03/25 22:46	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:46	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	140	190	ug/Kg	11/03/25 22:46	PB170206
99-09-2	3-Nitroaniline	1600		1	51.1	140	190	ug/Kg	11/03/25 22:46	PB170206
83-32-9	Acenaphthene	2000		1	23.6	140	190	ug/Kg	11/03/25 22:46	PB170206
51-28-5	2,4-Dinitrophenol	4000	E	1	250	300	370	ug/Kg	11/03/25 22:46	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:46	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-66-2	Diethylphthalate	1800		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:46	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
100-01-6	4-Nitroaniline	2000		1	71.3	140	190	ug/Kg	11/03/25 22:46	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2400		1	110	300	370	ug/Kg	11/03/25 22:46	PB170206

Raw Data: **BG064684.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	140	190	ug/Kg	11/03/25 22:46	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	140	190	ug/Kg	11/03/25 22:46	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:46	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:46	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-12-7	Anthracene	1800		1	37.0	140	190	ug/Kg	11/03/25 22:46	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.2	140	190	ug/Kg	11/03/25 22:46	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:46	PB170206
129-00-0	Pyrene	1700		1	40.0	140	190	ug/Kg	11/03/25 22:46	PB170206
85-68-7	Butylbenzylphthalate	2000		1	79.3	140	190	ug/Kg	11/03/25 22:46	PB170206
91-94-1	3,3-Dichlorobenzidine	1400		1	40.7	300	370	ug/Kg	11/03/25 22:46	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:46	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:46	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1900		1	65.7	140	190	ug/Kg	11/03/25 22:46	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.4	300	370	ug/Kg	11/03/25 22:46	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	140	190	ug/Kg	11/03/25 22:46	PB170206
207-08-9	Benzo(k)fluoranthene	1900		1	24.9	140	190	ug/Kg	11/03/25 22:46	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:46	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
123-91-1	1,4-Dioxane	1200		1	50.2	140	190	ug/Kg	11/03/25 22:46	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2200		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	91.1			35 - 115		61%	SPK: 150		
13127-88-3	Phenol-d6	98.9			34 - 127		66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.1			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	60.0			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			39 - 132		81%	SPK: 150		
1718-51-0	Terphenyl-d14	60.6			54 - 127		61%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	29900								
1146-65-2	Naphthalene-d8	119000								
15067-26-2	Acenaphthene-d10	97600								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	275000								
1520-96-3	Perylene-d12	303000								

Raw Data: **BG064684.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.098	1.207	1.155	1.292	1.318	1.192	7.1
Benzaldehyde			0.942	0.994	0.940	0.981	0.893	14.1
Phenol-d6		1.469	1.654	1.566	1.771	1.864	1.635	8.6
Phenol		1.665	1.820	1.748	1.944	2.027	1.808	7.4
bis(2-Chloroethyl)ether		1.307	1.409	1.292	1.383	1.443	1.329	6.5
2-Chlorophenol		1.051	1.207	1.197	1.373	1.461	1.247	10.6
2-Methylphenol		1.103	1.225	1.178	1.273	1.345	1.201	7.2
2,2-oxybis(1-Chloropropane)		3.421	3.604	3.396	3.733	3.802	3.487	6.7
Acetophenone		0.535	0.565	0.528	0.584	0.590	0.547	6.0
3+4-Methylphenols			1.652	1.581	1.818	1.895	1.688	8.0
n-Nitroso-di-n-propylamine	1.044	1.038	1.141	1.129	1.227	1.289	1.130	7.9
Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.403	0.333	17.0
Hexachloroethane		0.468	0.535	0.505	0.541	0.557	0.512	6.4
Nitrobenzene		0.274	0.312	0.344	0.410	0.438	0.362	15.6
Isophorone		0.751	0.796	0.771	0.869	0.891	0.799	7.2
2-Nitrophenol		0.076	0.095	0.110	0.137	0.152	0.121	23.2
2,4-Dimethylphenol		0.236	0.294	0.285	0.335	0.343	0.297	11.9
bis(2-Chloroethoxy)methane		0.452	0.464	0.443	0.490	0.493	0.455	6.5
2,4-Dichlorophenol		0.243	0.299	0.315	0.360	0.373	0.320	13.3
Naphthalene		1.083	1.144	1.084	1.177	1.201	1.109	6.0
4-Chloroaniline		0.390	0.456	0.411	0.459	0.486	0.431	8.3
Hexachlorobutadiene		0.266	0.291	0.282	0.299	0.306	0.284	5.3
Caprolactam			0.112	0.114	0.134	0.142	0.123	9.9
4-Chloro-3-methylphenol		0.323	0.381	0.361	0.426	0.454	0.384	11.2
2-Methylnaphthalene		0.764	0.858	0.797	0.865	0.888	0.814	6.7
Hexachlorocyclopentadiene			0.268	0.279	0.324	0.340	0.302	9.0
2,4,6-Trichlorophenol		0.294	0.333	0.375	0.423	0.456	0.384	14.4
2-Fluorobiphenyl		1.310	1.389	1.306	1.384	1.384	1.319	5.2
2,4,5-Trichlorophenol		0.339	0.425	0.439	0.484	0.517	0.443	12.5
1,1-Biphenyl		1.456	1.450	1.401	1.489	1.498	1.422	5.0
2-Chloronaphthalene		1.065	1.082	1.053	1.132	1.145	1.073	4.7
2-Nitroaniline		0.201	0.234	0.277	0.348	0.404	0.311	24.1
Dimethylphthalate		1.389	1.570	1.488	1.641	1.699	1.530	7.2
Acenaphthylene		1.667	1.726	1.647	1.786	1.827	1.693	5.3

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2,6-Dinitrotoluene		0.127	0.180	0.193	0.247	0.283	0.218	24.7
3-Nitroaniline		0.180	0.211	0.252	0.294	0.325	0.263	19.7
Acenaphthene		1.126	1.178	1.115	1.223	1.261	1.157	5.6
2,4-Dinitrophenol			0.086	0.110	0.137	0.165	0.132	22.1
4-Nitrophenol			0.191	0.213	0.261	0.283	0.244	14.4
Dibenzofuran		1.881	1.972	1.826	1.963	1.988	1.870	6.0
2,4-Dinitrotoluene		0.223	0.269	0.300	0.385	0.434	0.340	22.7
Diethylphthalate		1.417	1.645	1.514	1.657	1.718	1.563	7.1
4-Chlorophenyl-phenylether		0.800	0.864	0.792	0.866	0.888	0.820	6.4
Fluorene		1.471	1.559	1.426	1.531	1.549	1.460	6.4
4-Nitroaniline		0.194	0.252	0.286	0.327	0.355	0.293	18.6
4,6-Dinitro-2-methylphenol			0.055	0.064	0.083	0.097	0.079	21.0
n-Nitrosodiphenylamine		0.510	0.551	0.525	0.583	0.594	0.540	6.8
2,4,6-Tribromophenol		0.221	0.266	0.272	0.318	0.346	0.289	14.0
4-Bromophenyl-phenylether		0.218	0.236	0.230	0.258	0.264	0.237	7.3
Hexachlorobenzene		0.254	0.266	0.262	0.292	0.302	0.270	7.0
Atrazine		0.215	0.227	0.249	0.245	0.261	0.232	8.3
Pentachlorophenol			0.132	0.152	0.180	0.199	0.169	13.9
Phenanthrene		1.084	1.133	1.073	1.162	1.179	1.094	6.2
Anthracene		1.087	1.144	1.101	1.187	1.204	1.113	6.2
Carbazole		0.982	1.037	0.982	1.031	1.028	0.981	5.9
Di-n-butylphthalate		1.011	1.156	1.179	1.240	1.198	1.135	7.1
Fluoranthene		1.385	1.463	1.380	1.440	1.403	1.370	5.9
Pyrene		1.287	1.331	1.284	1.411	1.406	1.307	6.2
Terphenyl-d14		1.074	1.120	1.066	1.142	1.102	1.060	7.2
Butylbenzylphthalate		0.284	0.359	0.388	0.450	0.467	0.395	15.4
3,3-Dichlorobenzidine			0.418	0.428	0.477	0.486	0.443	6.9
Benzo(a)anthracene		1.294	1.355	1.292	1.416	1.430	1.326	5.7
Chrysene		1.249	1.291	1.229	1.344	1.359	1.262	5.8
Bis(2-ethylhexyl)phthalate		0.484	0.555	0.581	0.671	0.667	0.590	11.0
Di-n-octyl phthalate			0.871	0.932	1.087	1.117	0.995	9.3
Benzo(b)fluoranthene		1.138	1.246	1.169	1.322	1.353	1.226	6.8
Benzo(k)fluoranthene		1.175	1.260	1.206	1.285	1.364	1.227	6.5
Benzo(a)pyrene		1.061	1.144	1.093	1.202	1.246	1.127	6.4
Indeno(1,2,3-cd)pyrene		1.383	1.491	1.410	1.568	1.642	1.471	6.8

All other compounds must meet a minimum RRF of 0.010.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Dibenzo(a,h)anthracene		1.120	1.223	1.158	1.268	1.324	1.195	6.5
Benzo(g,h,i)perylene		1.080	1.162	1.089	1.213	1.280	1.142	6.9
1,2,4,5-Tetrachlorobenzene		0.657	0.684	0.648	0.702	0.717	0.671	4.6
1,4-Dioxane		0.570	0.581	0.524	0.525	0.559	0.528	8.8
2,3,4,6-Tetrachlorophenol		0.312	0.385	0.402	0.466	0.508	0.424	15.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.179		-1.1	
Benzaldehyde	0.893	0.823		-7.8	
Phenol-d6	1.635	1.619		-1.0	
Phenol	1.808	1.736		-4.0	20.0
bis(2-Chloroethyl)ether	1.329	1.260		-5.2	
2-Chlorophenol	1.247	1.336		7.1	
2-Methylphenol	1.201	1.202		0.1	
2,2-oxybis(1-Chloropropane)	3.487	3.429		-1.7	
Acetophenone	0.547	0.551		0.7	
3+4-Methylphenols	1.688	1.601		-5.2	
n-Nitroso-di-n-propylamine	1.130	1.137	0.050	0.6	
Nitrobenzene-d5	0.333	0.403		21.0	
Hexachloroethane	0.512	0.537		4.9	
Nitrobenzene	0.362	0.421		16.3	
Isophorone	0.799	0.796		-0.4	
2-Nitrophenol	0.121	0.170		40.5	20.0
2,4-Dimethylphenol	0.297	0.307		3.4	
bis(2-Chloroethoxy)methane	0.455	0.446		-2.0	
2,4-Dichlorophenol	0.320	0.345		7.8	20.0
Naphthalene	1.109	1.156		4.2	
4-Chloroaniline	0.431	0.428		-0.7	
Hexachlorobutadiene	0.284	0.314		10.6	20.0
Caprolactam	0.123	0.112		-8.9	
4-Chloro-3-methylphenol	0.384	0.406		5.7	20.0
2-Methylnaphthalene	0.814	0.866		6.4	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.447		16.4	20.0
2-Fluorobiphenyl	1.319	1.400		6.1	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
1,1-Biphenyl	1.422	1.477		3.9	
2-Chloronaphthalene	1.073	1.143		6.5	
2-Nitroaniline	0.311	0.391		25.7	
Dimethylphthalate	1.530	1.584		3.5	
Acenaphthylene	1.693	1.776		4.9	
2,6-Dinitrotoluene	0.218	0.279		28.0	
3-Nitroaniline	0.263	0.317		20.5	
Acenaphthene	1.157	1.235		6.7	20.0
2,4-Dinitrophenol	0.132	0.171	0.050	29.5	
4-Nitrophenol	0.244	0.243	0.050	-0.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.929		3.2	
2,4-Dinitrotoluene	0.340	0.451		32.6	
Diethylphthalate	1.563	1.594		2.0	
4-Chlorophenyl-phenylether	0.820	0.875		6.7	
Fluorene	1.460	1.503		2.9	
4-Nitroaniline	0.293	0.341		16.4	
4,6-Dinitro-2-methylphenol	0.079	0.112		41.8	
n-Nitrosodiphenylamine	0.540	0.566		4.8	20.0
2,4,6-Tribromophenol	0.289	0.342		18.3	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.299		10.7	
Atrazine	0.232	0.242		4.3	
Pentachlorophenol	0.169	0.195		15.4	20.0
Phenanthrene	1.094	1.153		5.4	
Anthracene	1.113	1.163		4.5	
Carbazole	0.981	1.031		5.1	
Di-n-butylphthalate	1.135	1.221		7.6	
Fluoranthene	1.370	1.482		8.2	20.0
Pyrene	1.307	1.325		1.4	
Terphenyl-d14	1.060	1.116		5.3	
Butylbenzylphthalate	0.395	0.457		15.7	
3,3-Dichlorobenzidine	0.443	0.488		10.2	
Benzo(a)anthracene	1.326	1.414		6.6	
Chrysene	1.262	1.320		4.6	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.119		12.5	20.0
Benzo(b)fluoranthene	1.226	1.306		6.5	
Benzo(k)fluoranthene	1.227	1.268		3.3	
Benzo(a)pyrene	1.127	1.180		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.544		5.0	
Dibenzo(a,h)anthracene	1.195	1.258		5.3	
Benzo(g,h,i)perylene	1.142	1.186		3.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.465		-11.9	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.498		17.5	

All other compounds must meet a minimum RRF of 0.010.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.219		2.3	50.0
Benzaldehyde	0.893	0.893		0.0	50.0
Phenol-d6	1.635	1.692		3.5	50.0
Phenol	1.808	1.851		2.4	50.0
bis(2-Chloroethyl)ether	1.329	1.297		-2.4	50.0
2-Chlorophenol	1.247	1.371		9.9	50.0
2-Methylphenol	1.201	1.233		2.7	50.0
2,2-oxybis(1-Chloropropane)	3.487	3.201		-8.2	50.0
Acetophenone	0.547	0.547		0.0	50.0
3+4-Methylphenols	1.688	1.731		2.5	50.0
n-Nitroso-di-n-propylamine	1.130	1.089	0.050	-3.6	50.0
Nitrobenzene-d5	0.333	0.413		24.0	50.0
Hexachloroethane	0.512	0.554		8.2	50.0
Nitrobenzene	0.362	0.425		17.4	50.0
Isophorone	0.799	0.784		-1.9	50.0
2-Nitrophenol	0.121	0.193		59.5	50.0
2,4-Dimethylphenol	0.297	0.313		5.4	50.0
bis(2-Chloroethoxy)methane	0.455	0.448		-1.5	50.0
2,4-Dichlorophenol	0.320	0.380		18.8	50.0
Naphthalene	1.109	1.162		4.8	50.0
4-Chloroaniline	0.431	0.443		2.8	50.0
Hexachlorobutadiene	0.284	0.337		18.7	50.0
Caprolactam	0.123	0.110		-10.6	50.0
4-Chloro-3-methylphenol	0.384	0.430		12.0	50.0
2-Methylnaphthalene	0.814	0.877		7.7	50.0
Hexachlorocyclopentadiene	0.302	0.384	0.050	27.2	50.0
2,4,6-Trichlorophenol	0.384	0.469		22.1	50.0
2-Fluorobiphenyl	1.319	1.442		9.3	50.0
2,4,5-Trichlorophenol	0.443	0.507		14.4	50.0
1,1-Biphenyl	1.422	1.491		4.9	50.0
2-Chloronaphthalene	1.073	1.143		6.5	50.0
2-Nitroaniline	0.311	0.410		31.8	50.0
Dimethylphthalate	1.530	1.618		5.8	50.0
Acenaphthylene	1.693	1.806		6.7	50.0
2,6-Dinitrotoluene	0.218	0.317		45.4	50.0
3-Nitroaniline	0.263	0.343		30.4	50.0
Acenaphthene	1.157	1.250		8.0	50.0
2,4-Dinitrophenol	0.132	0.140	0.050	6.1	50.0
4-Nitrophenol	0.244	0.219	0.050	-10.2	50.0

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.992		6.5	50.0
2,4-Dinitrotoluene	0.340	0.486		42.9	50.0
Diethylphthalate	1.563	1.606		2.8	50.0
4-Chlorophenyl-phenylether	0.820	0.941		14.8	50.0
Fluorene	1.460	1.562		7.0	50.0
4-Nitroaniline	0.293	0.360		22.9	50.0
4,6-Dinitro-2-methylphenol	0.079	0.115		45.6	50.0
n-Nitrosodiphenylamine	0.540	0.558		3.3	50.0
2,4,6-Tribromophenol	0.289	0.386		33.6	50.0
4-Bromophenyl-phenylether	0.237	0.269		13.5	50.0
Hexachlorobenzene	0.270	0.310		14.8	50.0
Atrazine	0.232	0.240		3.4	50.0
Pentachlorophenol	0.169	0.085		-49.7	50.0
Phenanthrene	1.094	1.127		3.0	50.0
Anthracene	1.113	1.150		3.3	50.0
Carbazole	0.981	0.988		0.7	50.0
Di-n-butylphthalate	1.135	1.155		1.8	50.0
Fluoranthene	1.370	1.467		7.1	50.0
Pyrene	1.307	1.267		-3.1	50.0
Terphenyl-d14	1.060	1.087		2.5	50.0
Butylbenzylphthalate	0.395	0.435		10.1	50.0
3,3-Dichlorobenzidine	0.443	0.479		8.1	50.0
Benzo(a)anthracene	1.326	1.382		4.2	50.0
Chrysene	1.262	1.316		4.3	50.0
Bis(2-ethylhexyl)phthalate	0.590	0.625		5.9	50.0
Di-n-octyl phthalate	0.995	1.082		8.7	50.0
Benzo(b)fluoranthene	1.226	1.263		3.0	50.0
Benzo(k)fluoranthene	1.227	1.262		2.9	50.0
Benzo(a)pyrene	1.127	1.168		3.6	50.0
Indeno(1,2,3-cd)pyrene	1.471	1.514		2.9	50.0
Dibenzo(a,h)anthracene	1.195	1.241		3.8	50.0
Benzo(g,h,i)perylene	1.142	1.175		2.9	50.0
1,2,4,5-Tetrachlorobenzene	0.671	0.779		16.1	50.0
1,4-Dioxane	0.528	0.425		-19.5	50.0
2,3,4,6-Tetrachlorophenol	0.424	0.476		12.3	50.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	32053	20.000	ng	-0.01
21) Naphthalene-d8	11.035	136	122752	20.000	ng	-0.01
39) Acenaphthene-d10	14.831	164	95326	20.000	ng	-0.01
64) Phenanthrene-d10	17.569	188	251613	20.000	ng	-0.01
76) Chrysene-d12	21.840	240	301190	20.000	ng	#-0.02
86) Perylene-d12	25.171	264	331540	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	170063	89.056	ng	0.00
7) Phenol-d6	7.345	99	239763	91.498	ng	0.00
23) Nitrobenzene-d5	9.372	82	151636	74.196	ng	-0.01
42) 2,4,6-Tribromophenol	16.311	330	142623	103.662	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	405682	64.506	ng	-0.01
79) Terphenyl-d14	20.160	244	985779	61.766	ng	-0.01
Target Compounds						Qvalue

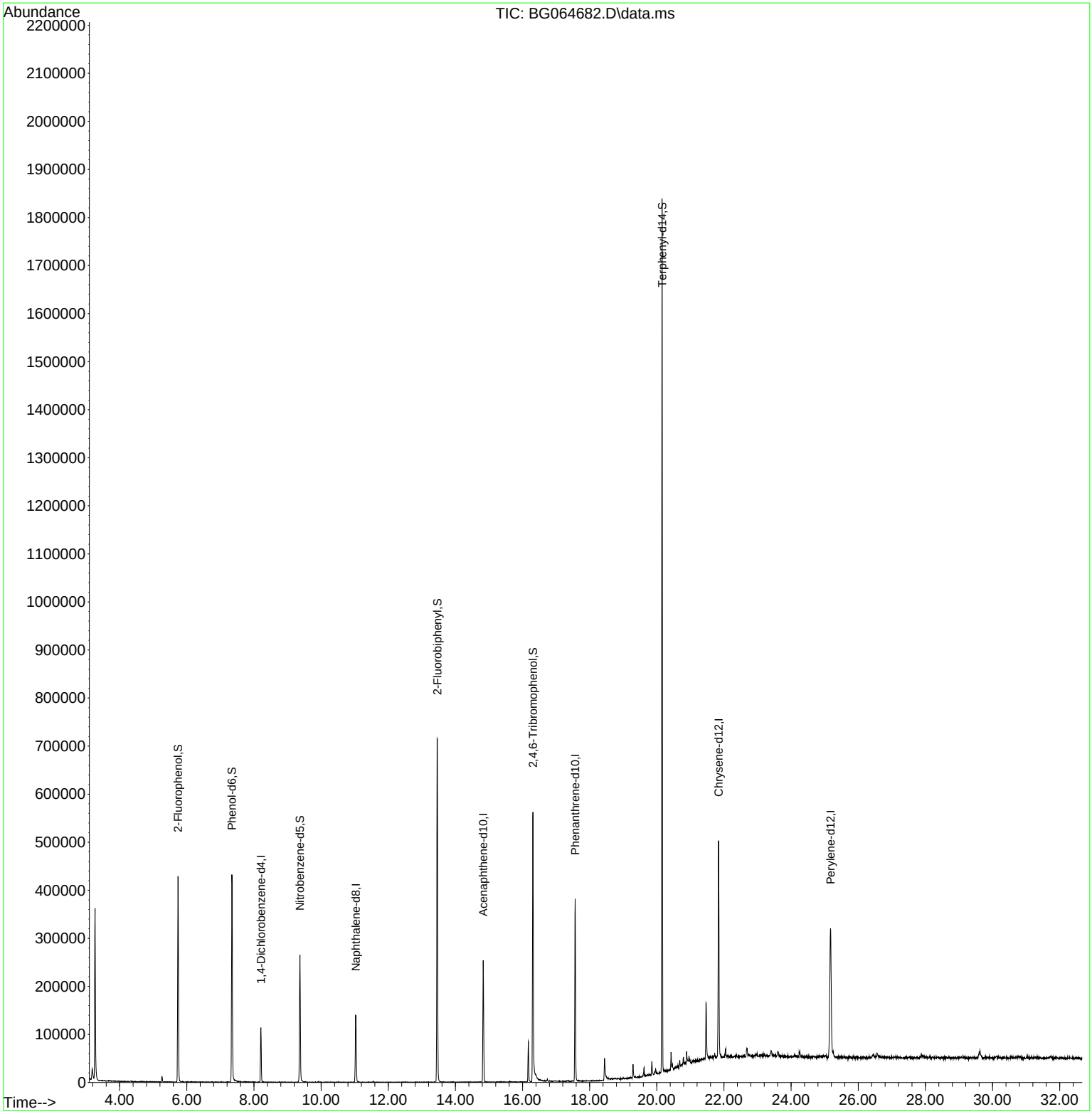
(#) = qualifier out of range (m) = manual integration (+) = signals summed

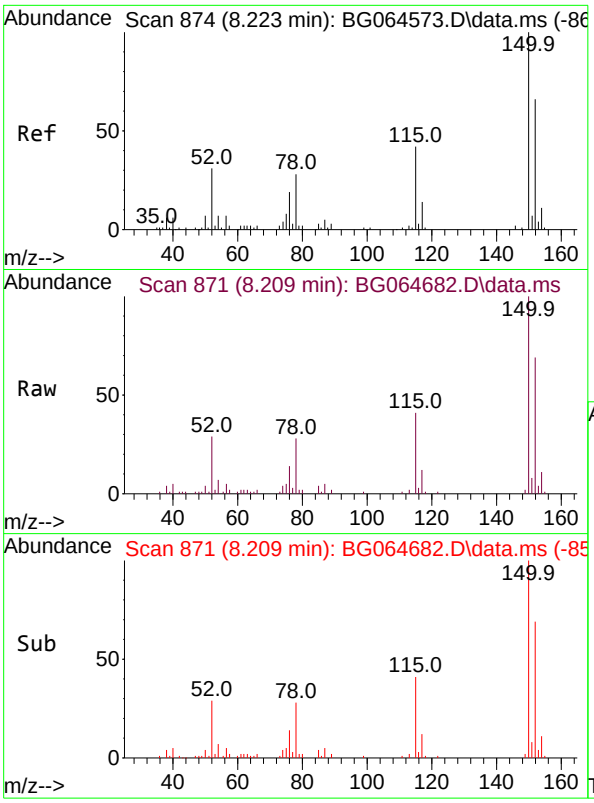
Sample Results: **BG064682.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



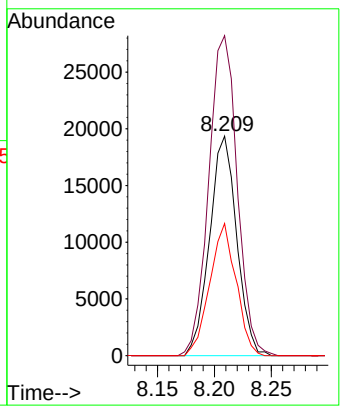


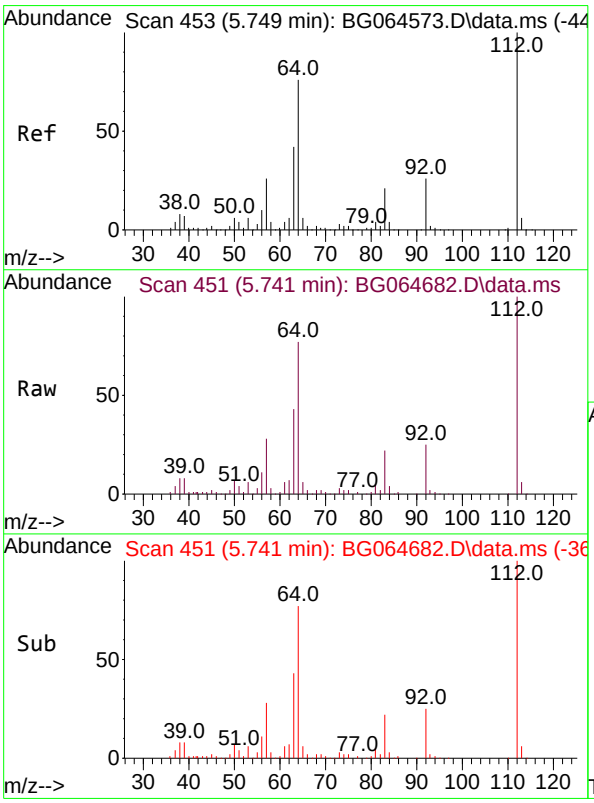
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:152 Resp: 32053

Ion	Ratio	Lower	Upper
152	100		
150	145.8	122.2	183.4
115	60.2	50.8	76.2

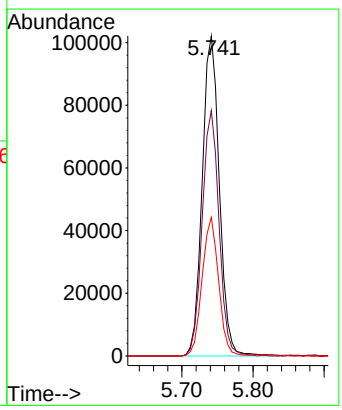


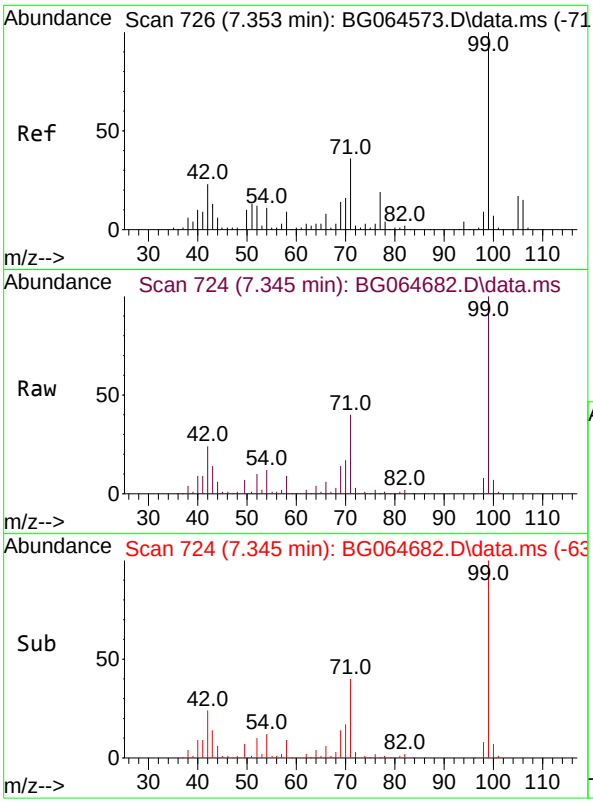


#5
2-Fluorophenol
Concen: 89.056 ng
RT: 5.741 min Scan# 451
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:112 Resp: 170063

Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.7	91.1
63	43.3	33.4	50.0



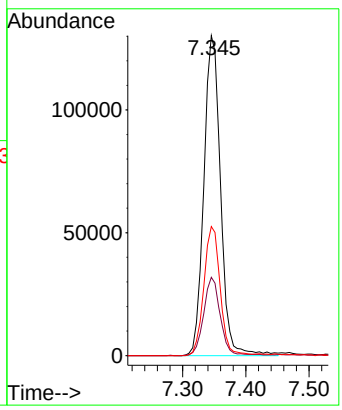


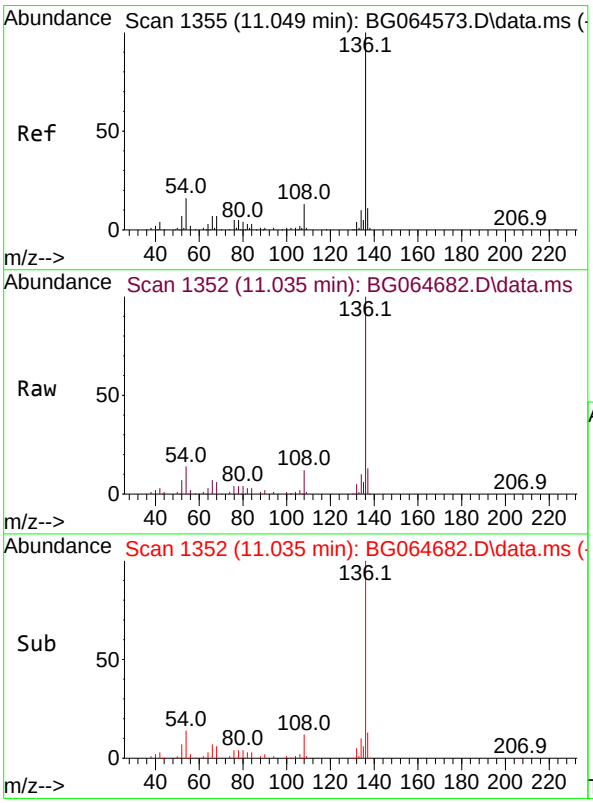
#7
Phenol-d6
Concen: 91.498 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 99 Resp: 239763

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	40.3	28.6	43.0

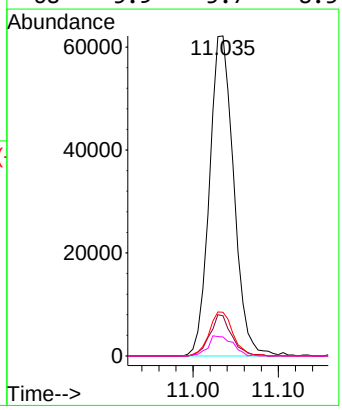


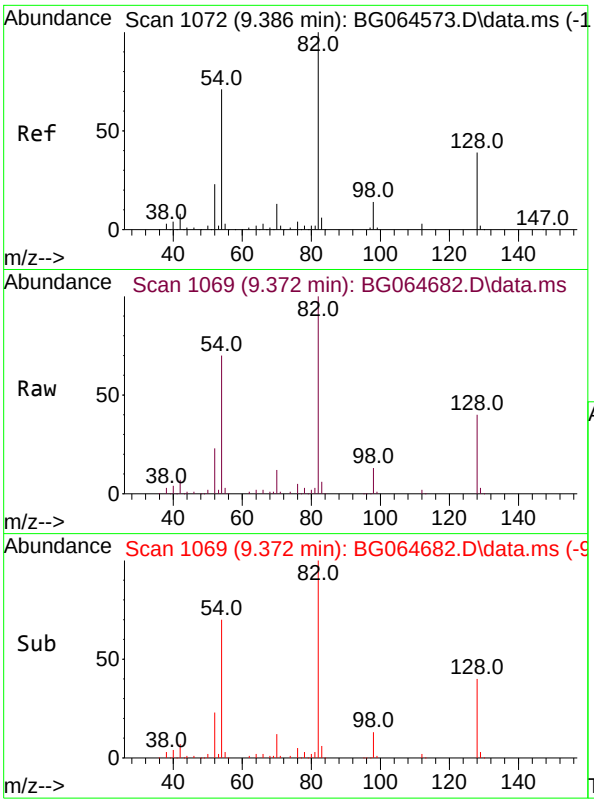


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1352
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:136 Resp: 122752

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	13.6	12.6	19.0
68	5.9	5.7	8.5



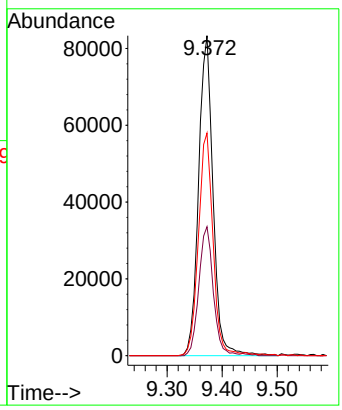


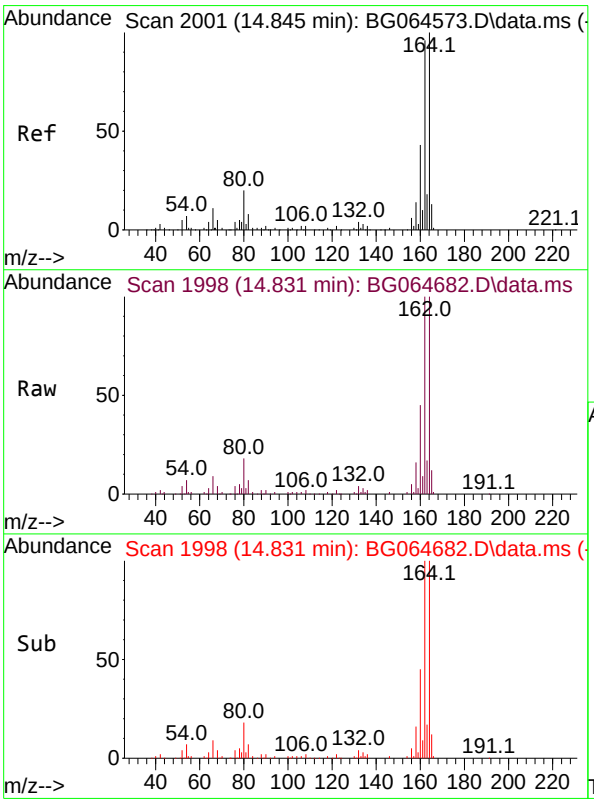
#23
Nitrobenzene-d5
Concen: 74.196 ng
RT: 9.372 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 82 Resp: 151636

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	69.5	56.6	84.8

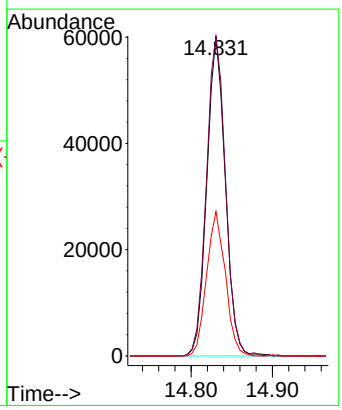


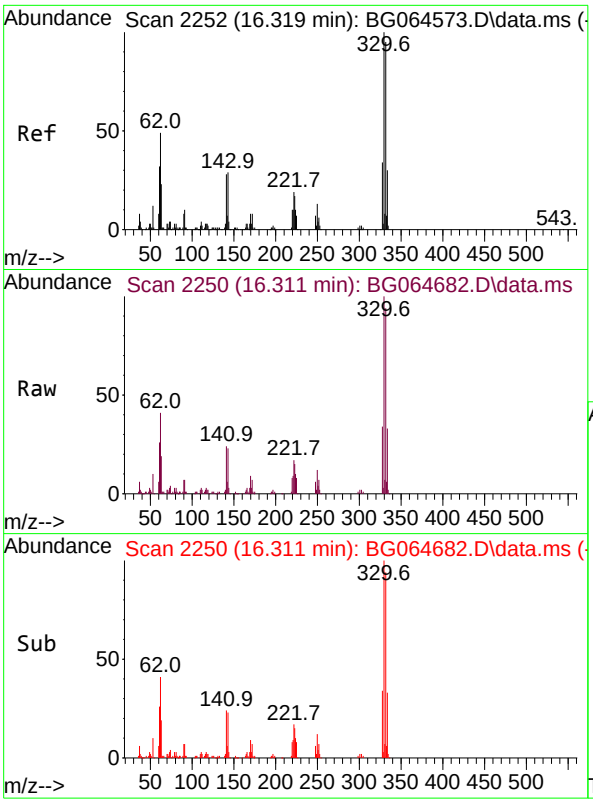


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.831 min Scan# 1998
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:164 Resp: 95326

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.0	115.6
160	45.1	34.4	51.6



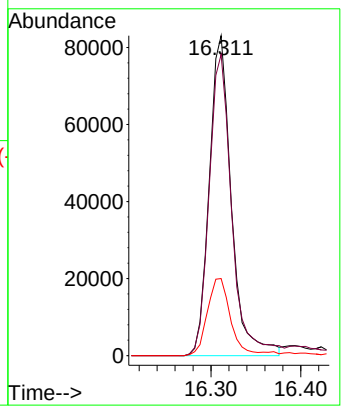


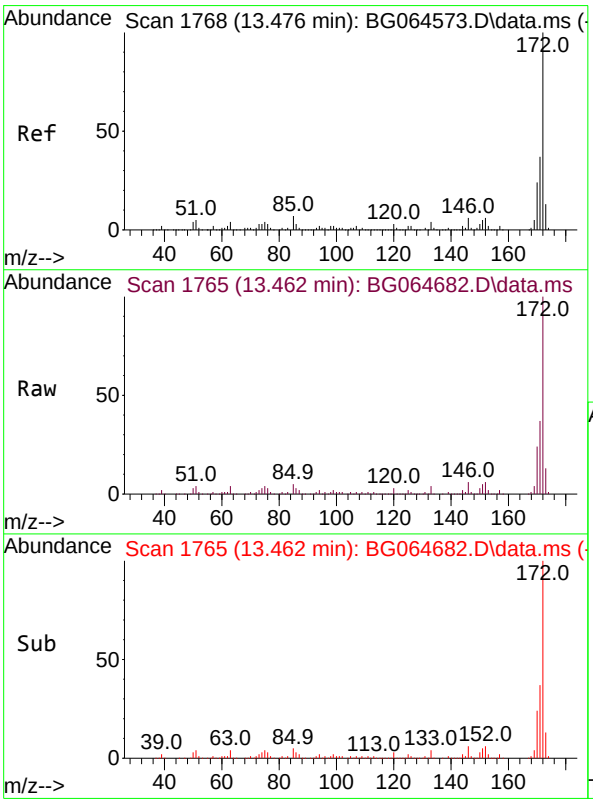
#42
2,4,6-Tribromophenol
Concen: 103.662 ng
RT: 16.311 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:330 Resp: 142623

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	25.0	21.8	32.6

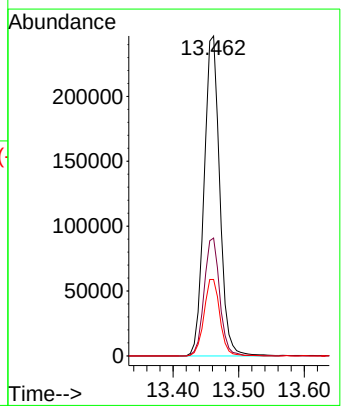


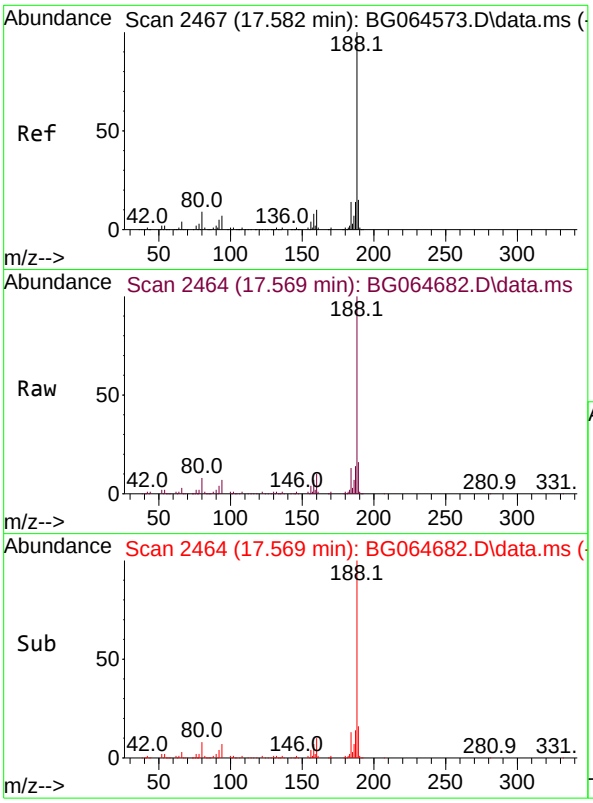


#45
2-Fluorobiphenyl
Concen: 64.506 ng
RT: 13.462 min Scan# 1765
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:172 Resp: 405682

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	23.9	19.1	28.7



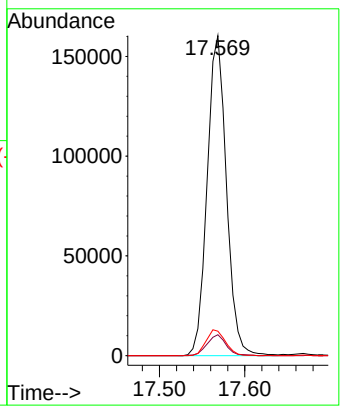


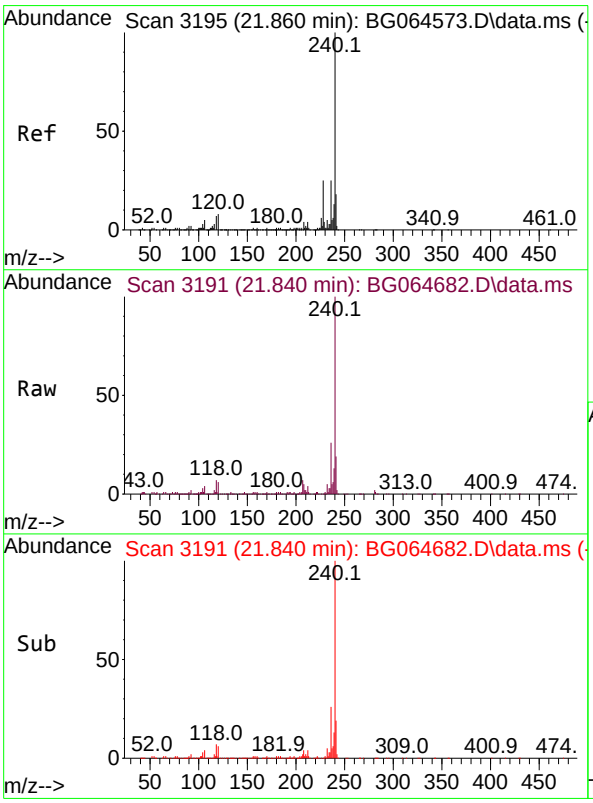
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:188 Resp: 251613

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.6	6.8	10.2

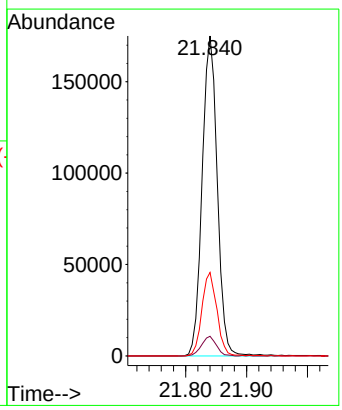


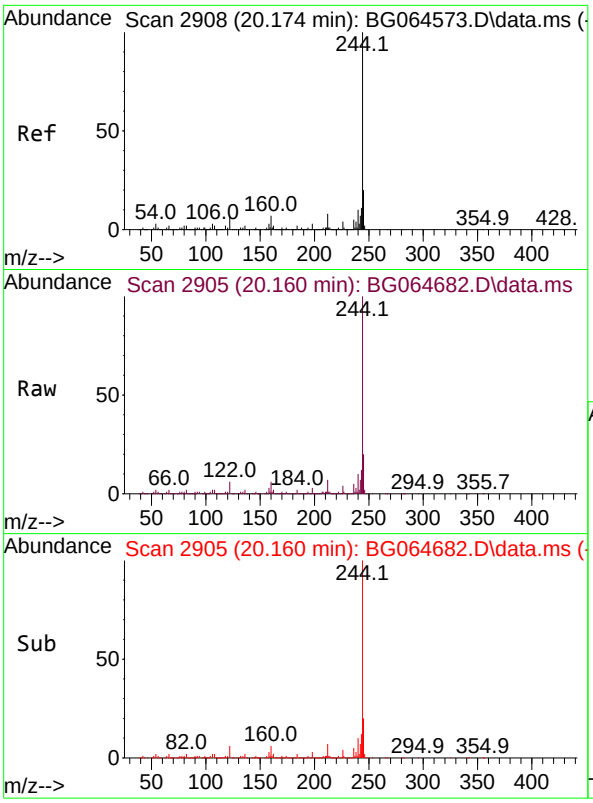


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.840 min Scan# 3191
Delta R.T. -0.020 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:240 Resp: 301190

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	26.1	20.2	30.2



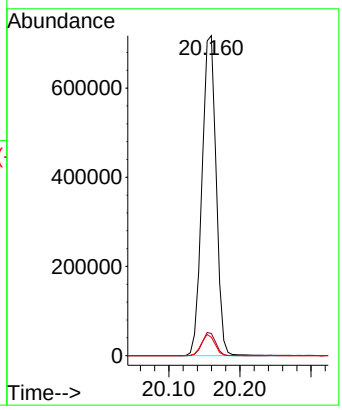


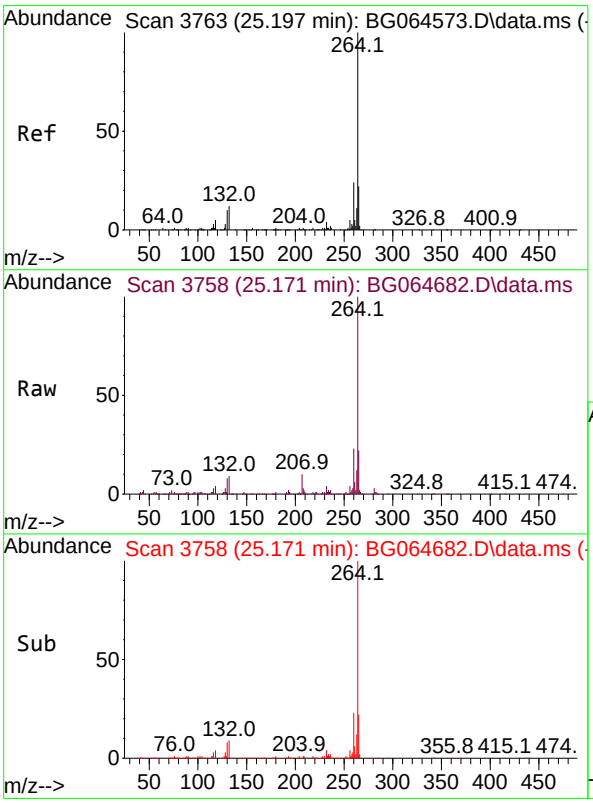
#79
Terphenyl-d14
Concen: 61.766 ng
RT: 20.160 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:244 Resp: 985779

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	5.7	5.6	8.4

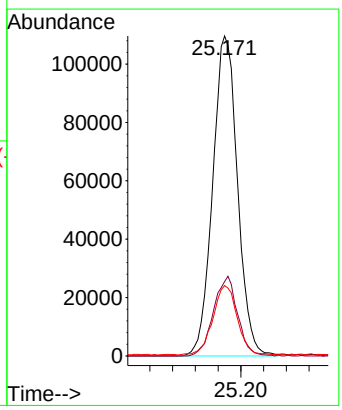




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.171 min Scan# 3758
Delta R.T. -0.026 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:264 Resp: 331540

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.0	17.6	26.4



Sample Results: **BG064682.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.185	10	16	24	rBV3	22694	50840	2.04%	0.467%
2	3.268	24	30	47	rVB	358140	579887	23.26%	5.332%
3	5.741	443	451	463	rBV	427905	701583	28.14%	6.451%
4	7.345	716	724	735	rBV	431603	785682	31.51%	7.224%
5	8.209	864	871	878	rBV	113472	192126	7.70%	1.766%
6	9.372	1060	1069	1088	rBV	265061	488767	19.60%	4.494%
7	11.029	1344	1351	1362	rBV	139620	274661	11.01%	2.525%
8	13.456	1757	1764	1778	rBV	715026	1179809	47.31%	10.848%
9	14.831	1991	1998	2009	rVB	253118	411194	16.49%	3.781%
10	16.170	2219	2226	2237	rBV	84412	133282	5.34%	1.225%
11	16.311	2242	2250	2262	rBV	561656	1000961	40.14%	9.203%
12	17.569	2457	2464	2474	rBV2	379576	596029	23.90%	5.480%
13	18.444	2608	2613	2623	rBV2	46437	99594	3.99%	0.916%
14	19.290	2752	2757	2764	rBV3	30077	47571	1.91%	0.437%
15	19.854	2849	2853	2860	rBV3	28157	38623	1.55%	0.355%
16	20.154	2899	2904	2911	rBV	1817589	2493592	100.00%	22.927%
17	20.424	2946	2950	2954	rBV3	38285	49699	1.99%	0.457%
18	20.888	3026	3029	3036	rBV5	25647	38947	1.56%	0.358%
19	21.464	3123	3127	3138	rBV2	115308	193706	7.77%	1.781%
20	21.840	3184	3191	3199	rBV2	448923	761499	30.54%	7.001%
21	25.171	3749	3758	3769	rBV2	260215	758237	30.41%	6.971%

Sum of corrected areas: 10876289

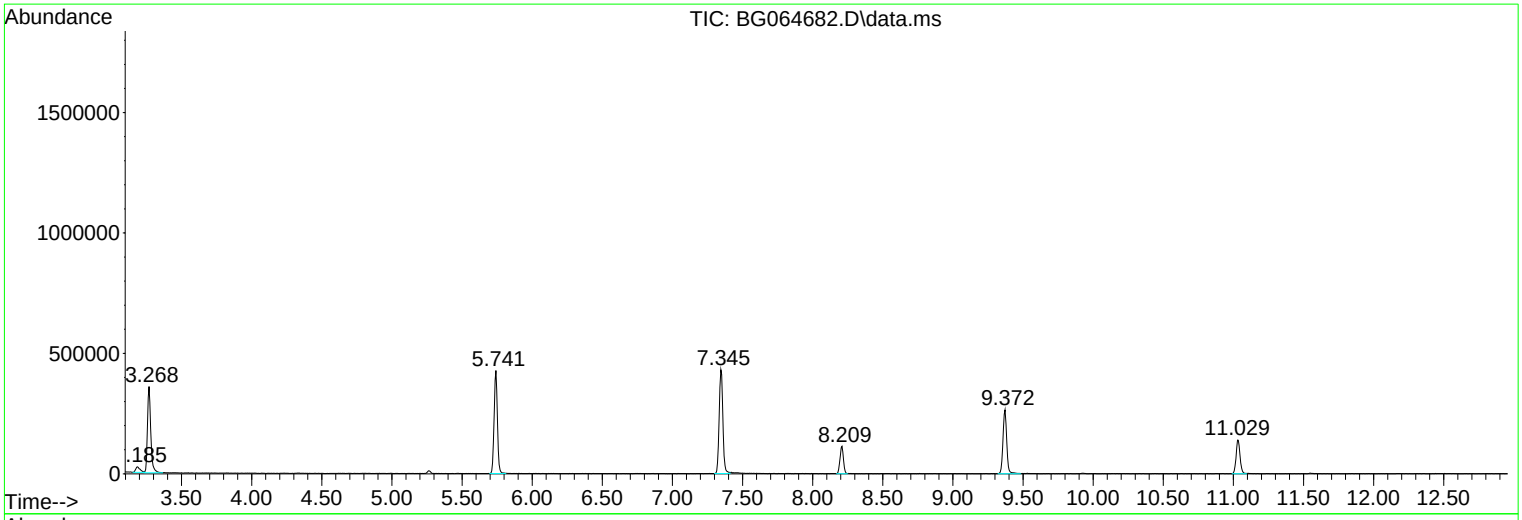
Sample Results: **BG064682.D**

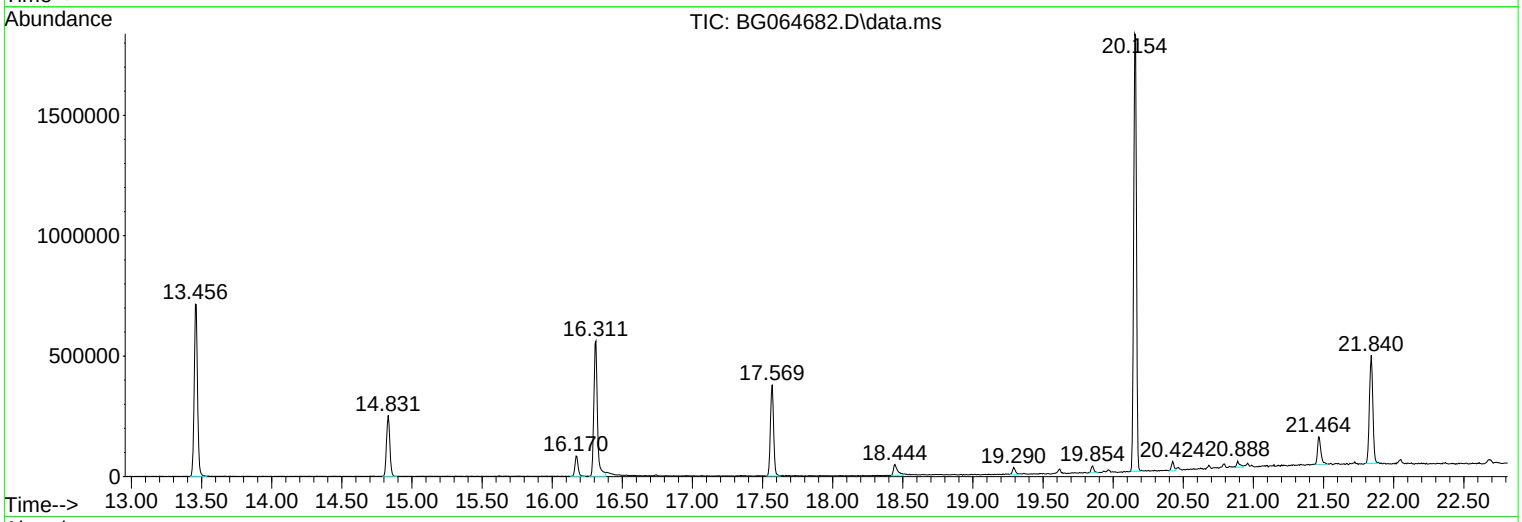
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

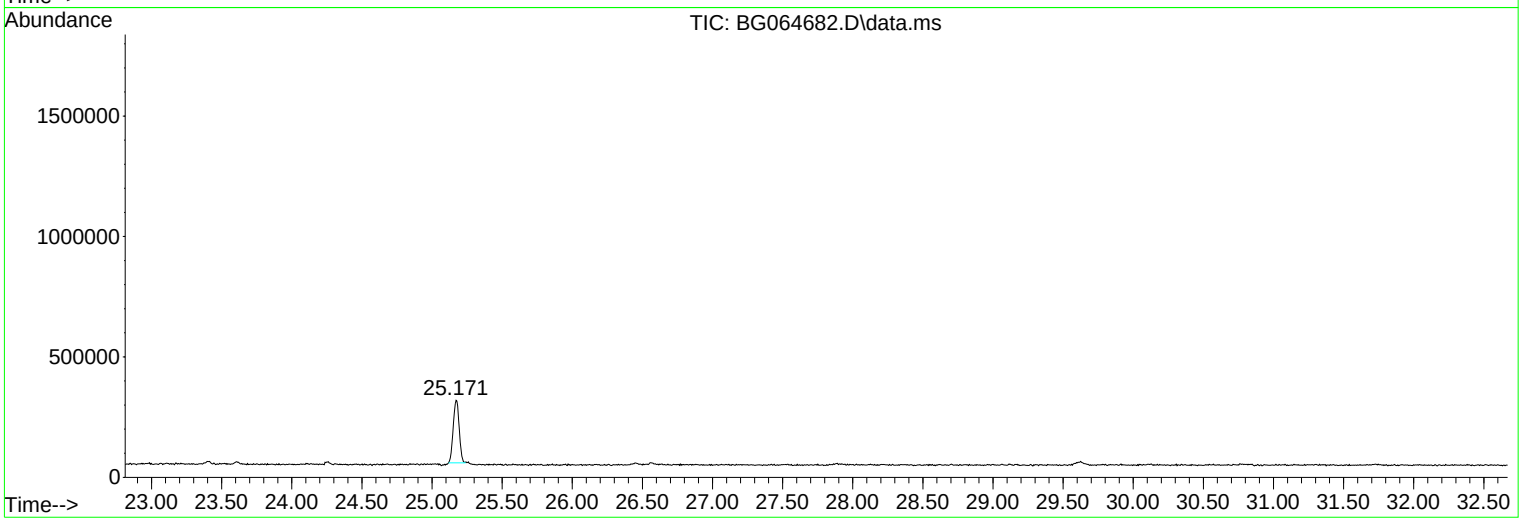
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

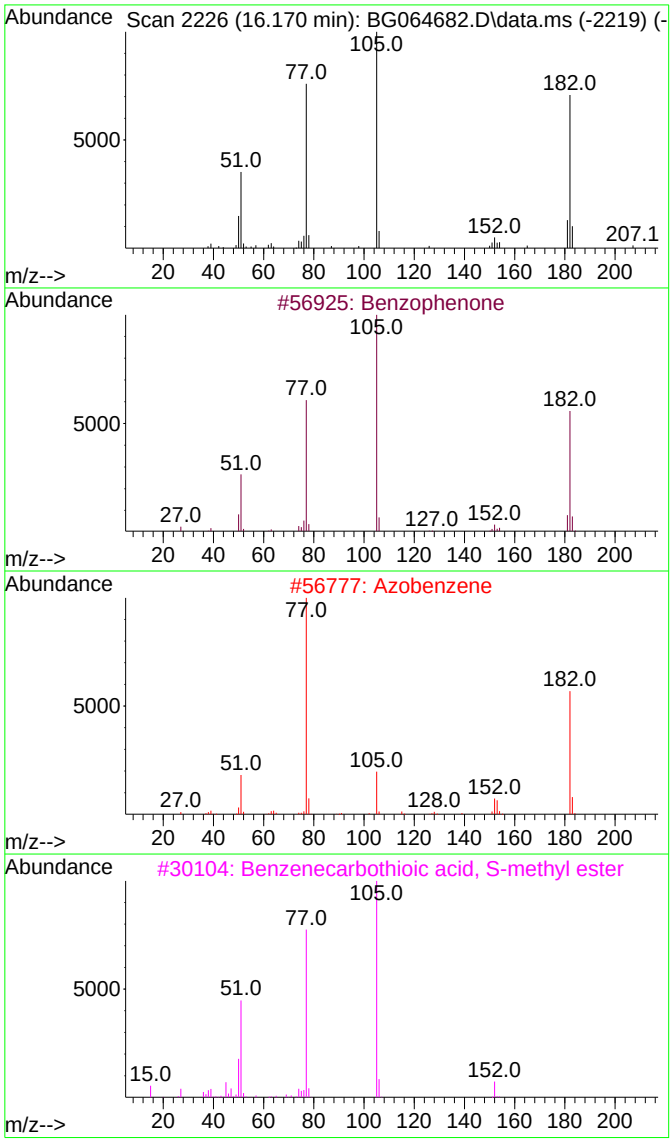
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

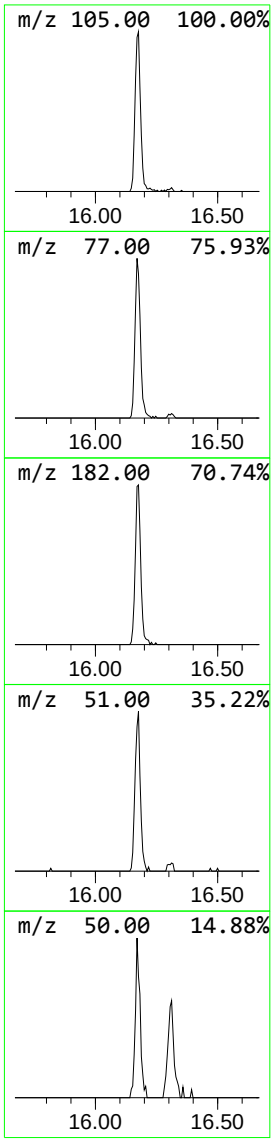
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	6.48 ng	133282	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	52
5	Benzoylformic acid	150	C8H6O3	000611-73-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

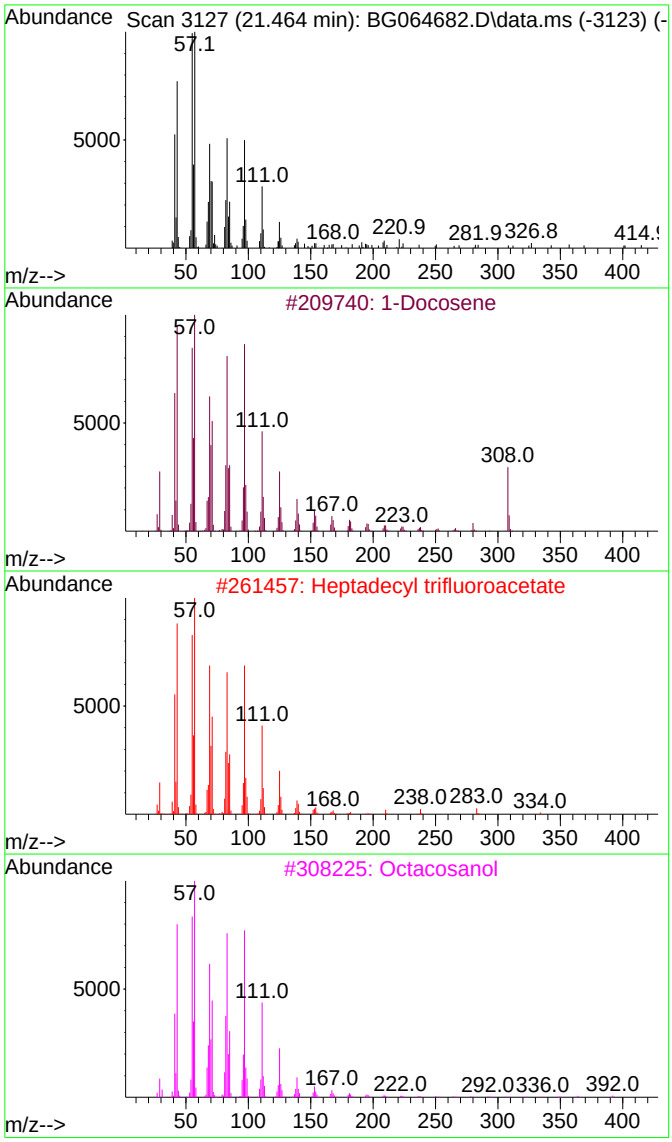
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

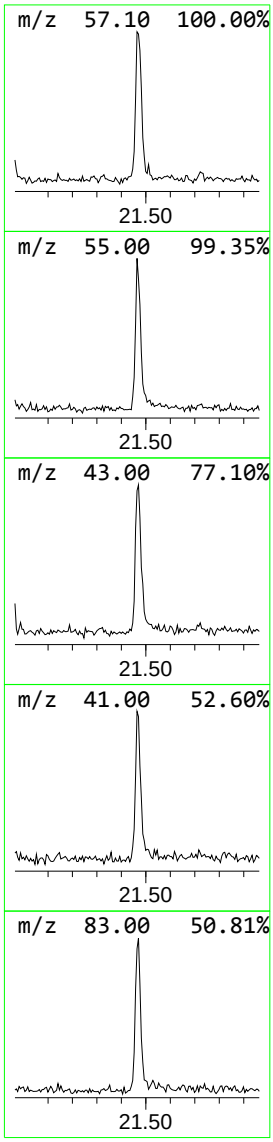
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.464	5.09 ng	193706	Chrysene-d12	21.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.170	6.5	ng	133282	3	14.831	411194	20.0
1-Docosene	21.464	5.1	ng	193706	5	21.840	761499	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

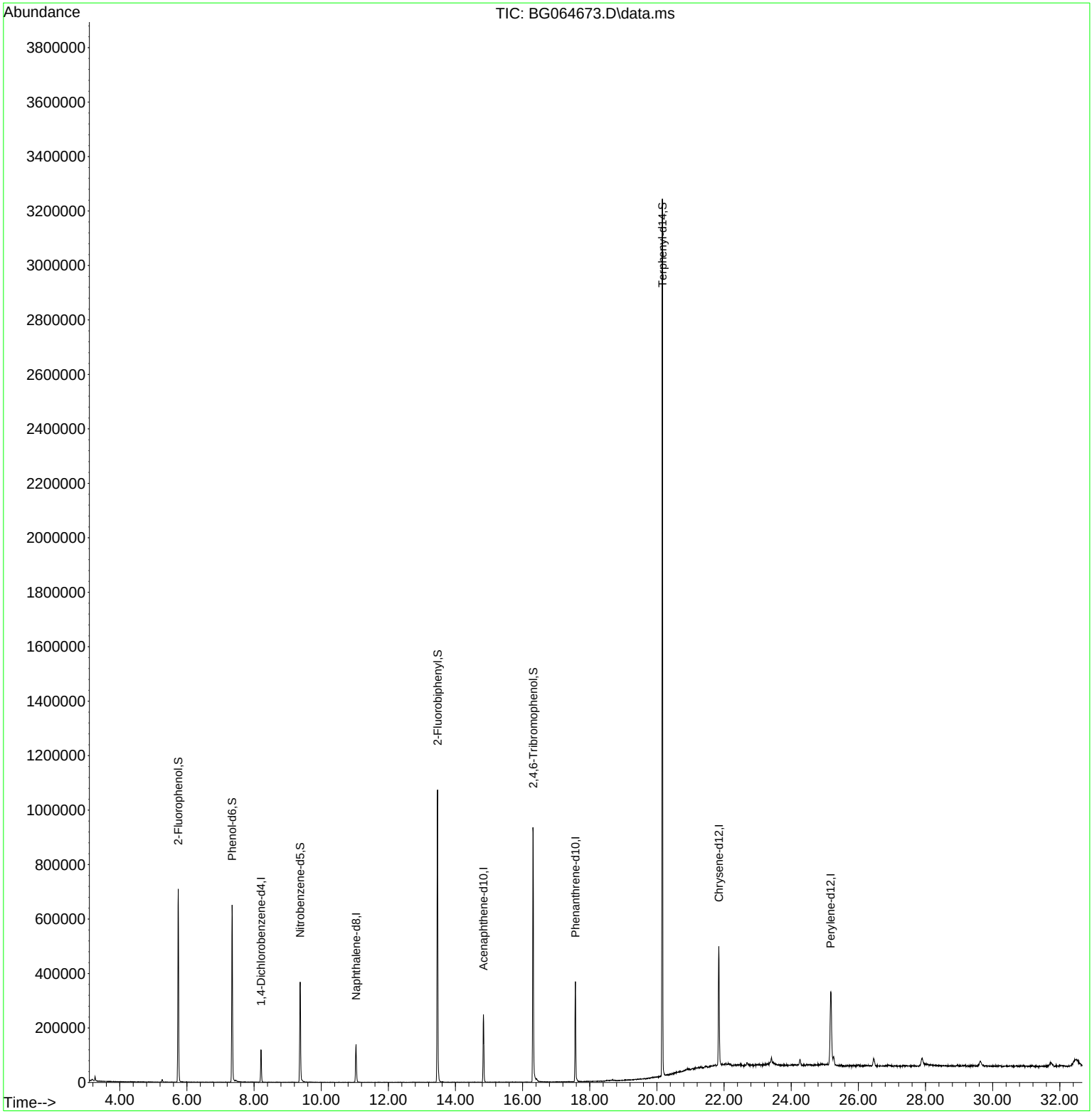
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	33303	20.000	ng	-0.02
21) Naphthalene-d8	11.038	136	120360	20.000	ng	-0.01
39) Acenaphthene-d10	14.833	164	97938	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	255703	20.000	ng	-0.01
76) Chrysene-d12	21.843	240	321187	20.000	ng	-0.02
86) Perylene-d12	25.174	264	341510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	276345	139.280	ng	0.00
7) Phenol-d6	7.348	99	345673	126.964	ng	0.00
23) Nitrobenzene-d5	9.375	82	219660	109.616	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	224867	159.081	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	604660	93.581	ng	-0.01
79) Terphenyl-d14	20.162	244	1643150	96.545	ng	-0.01
Target Compounds						Qvalue

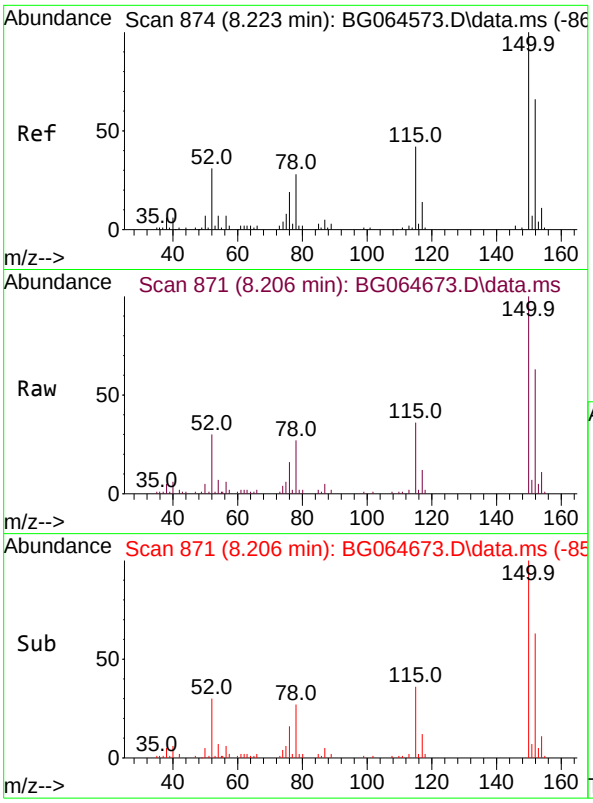
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



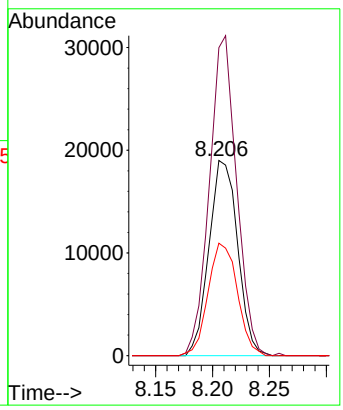


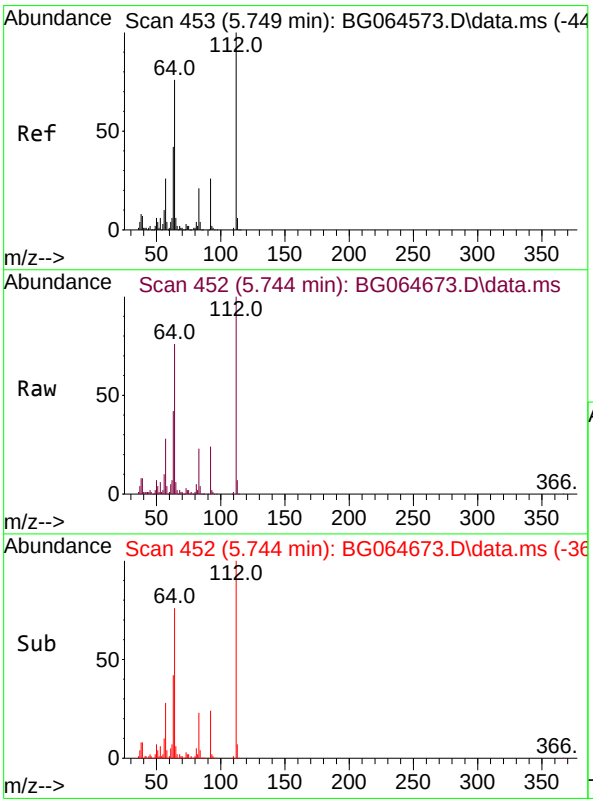
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:152 Resp: 33303

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.2	183.4
115	57.6	50.8	76.2

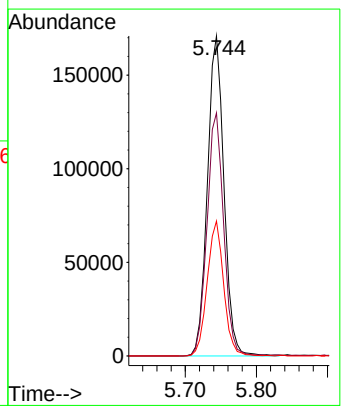


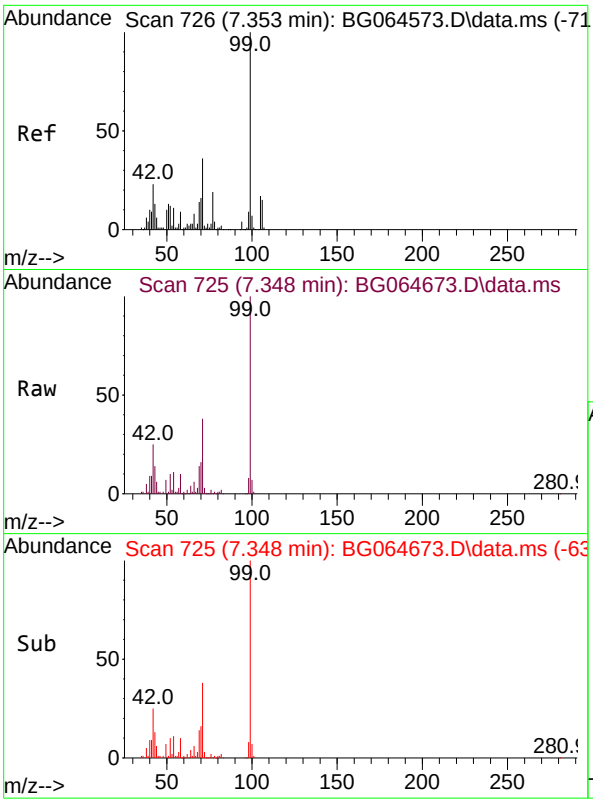


#5
2-Fluorophenol
Concen: 139.280 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:112 Resp: 276345

Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.7	91.1
63	42.1	33.4	50.0



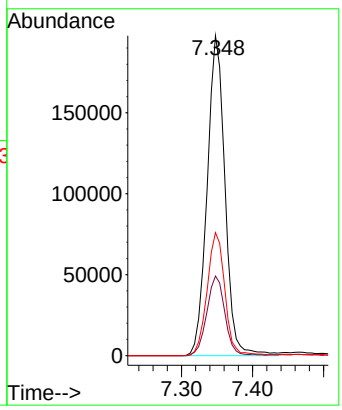


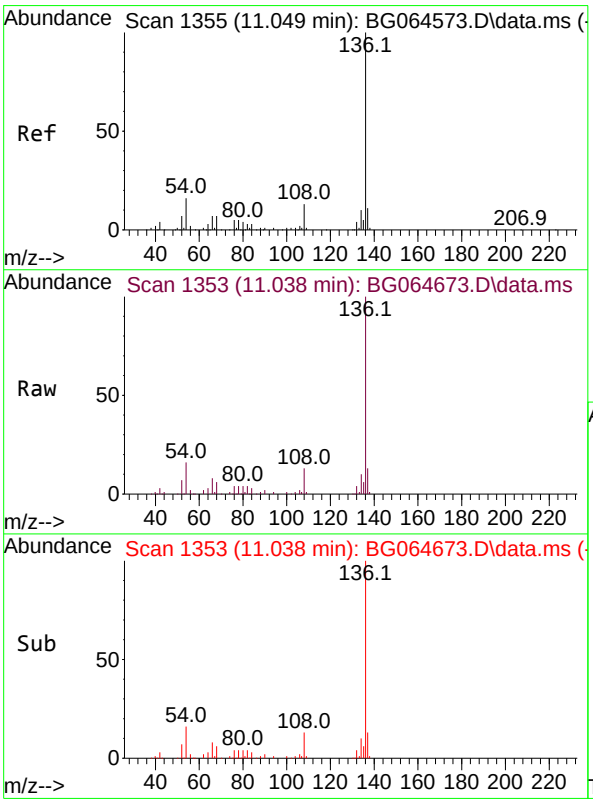
#7
Phenol-d6
Concen: 126.964 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion: 99 Resp: 345673

Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.3	27.5
71	38.5	28.6	43.0

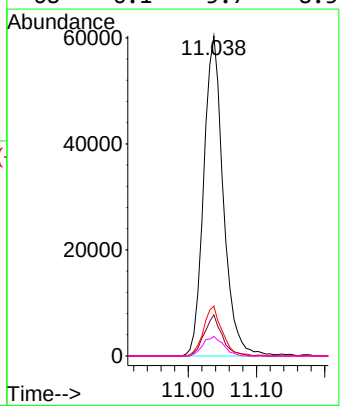


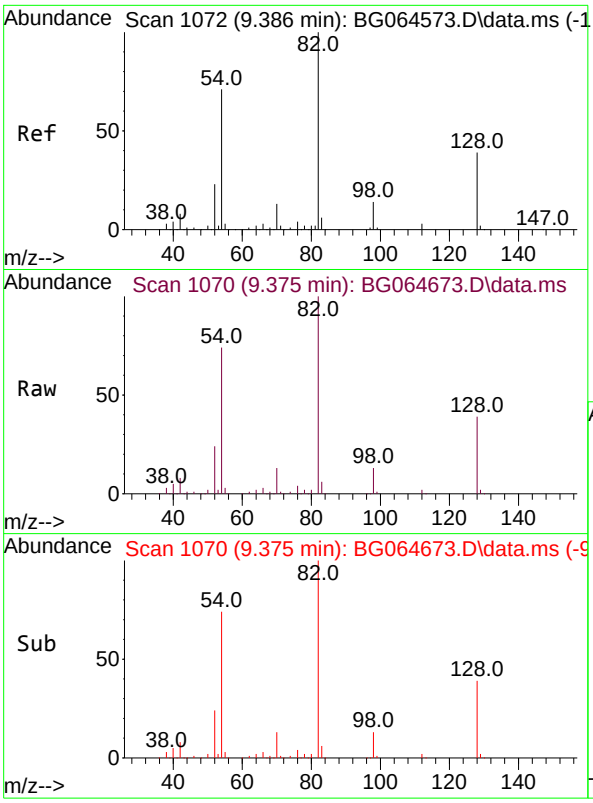


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:136 Resp: 120360

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	15.6	12.6	19.0
68	6.1	5.7	8.5



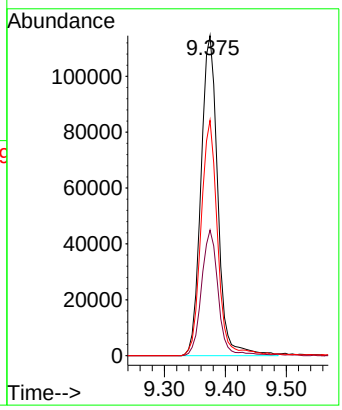


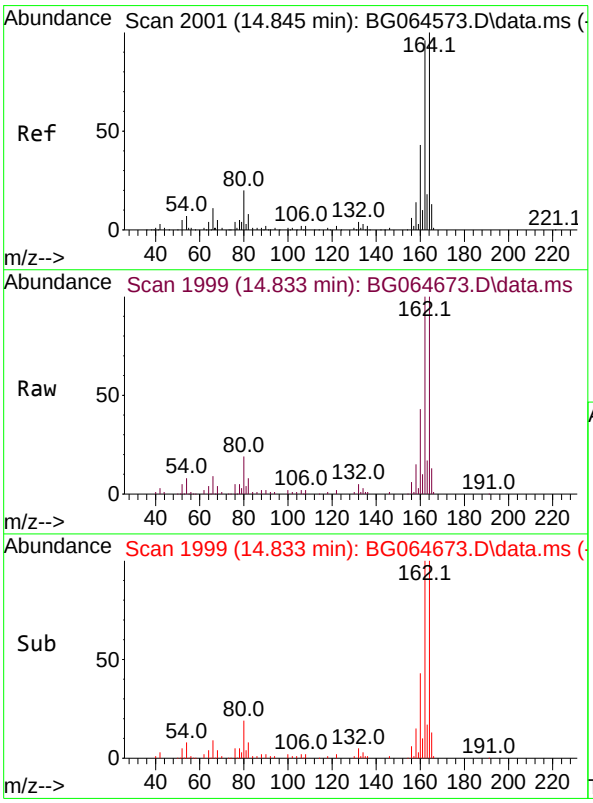
#23
Nitrobenzene-d5
Concen: 109.616 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion: 82 Resp: 219660

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	73.5	56.6	84.8

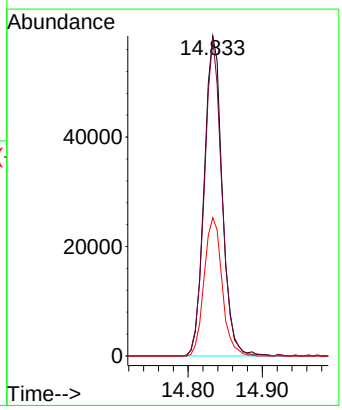


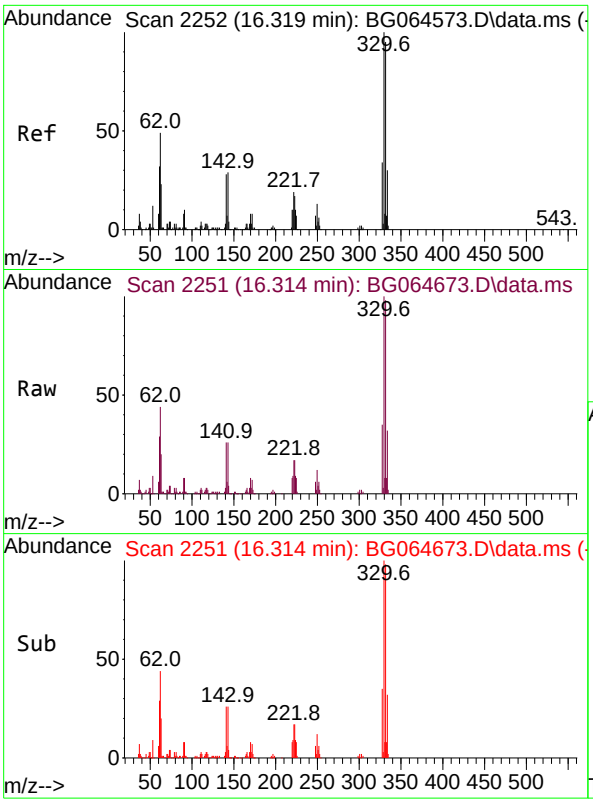


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:164 Resp: 97938

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.0	115.6
160	43.2	34.4	51.6



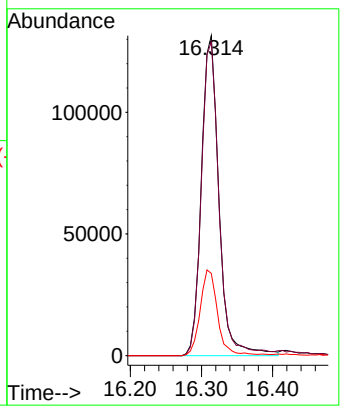


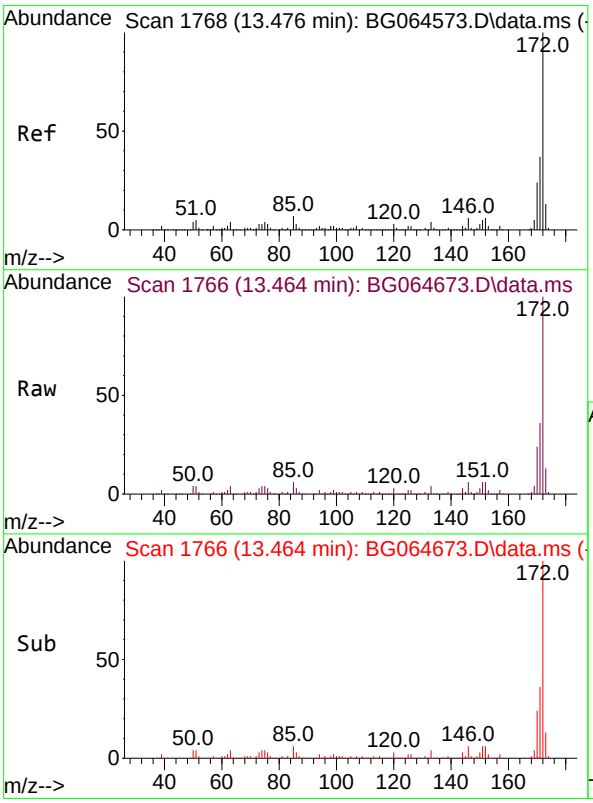
#42
2,4,6-Tribromophenol
Concen: 159.081 ng
RT: 16.314 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:330 Resp: 224867

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.0	117.0
141	26.7	21.8	32.6

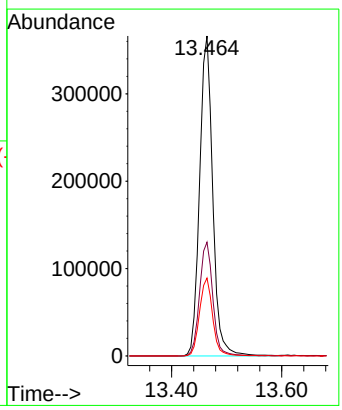


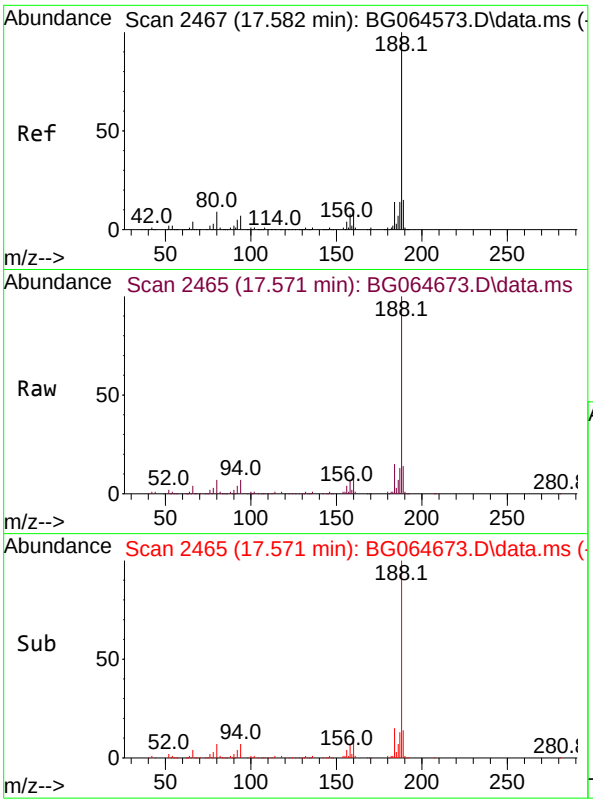


#45
2-Fluorobiphenyl
Concen: 93.581 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:172 Resp: 604660

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	19.1	28.7



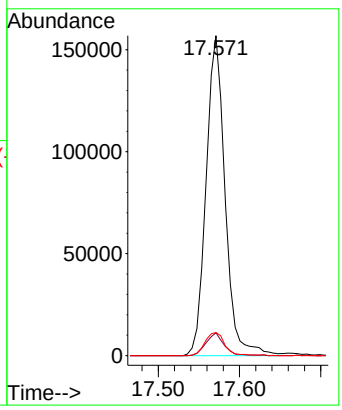


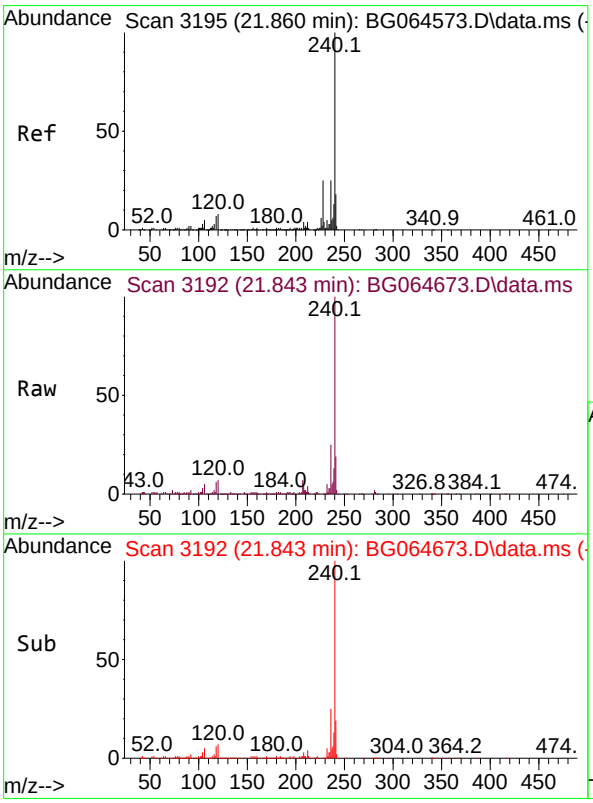
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:188 Resp: 255703

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.2	6.8	10.2

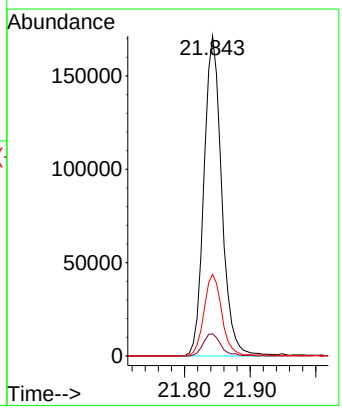


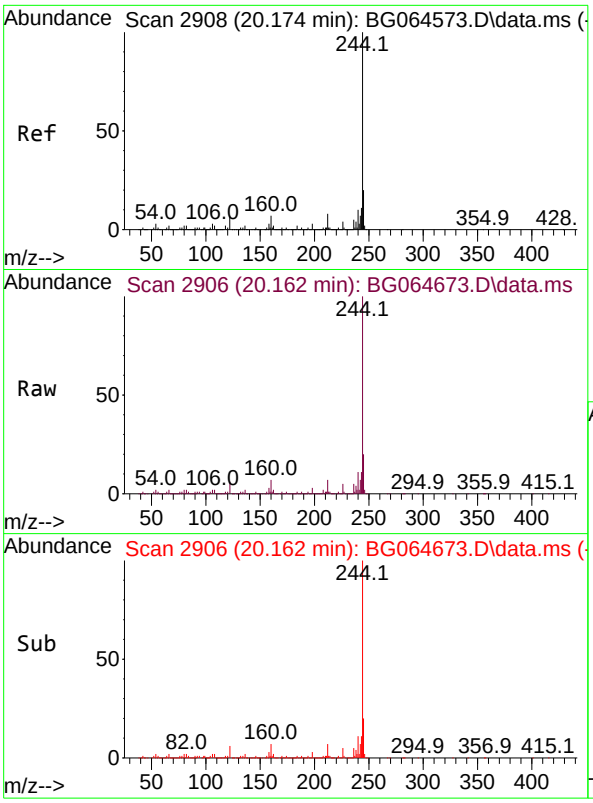


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:240 Resp: 321187

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.5	9.7
236	25.5	20.2	30.2



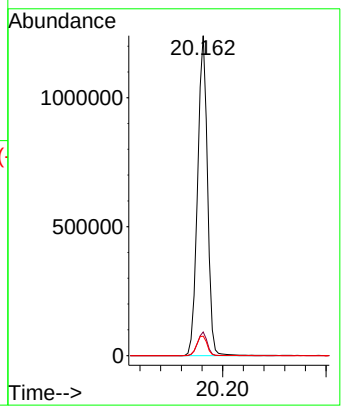


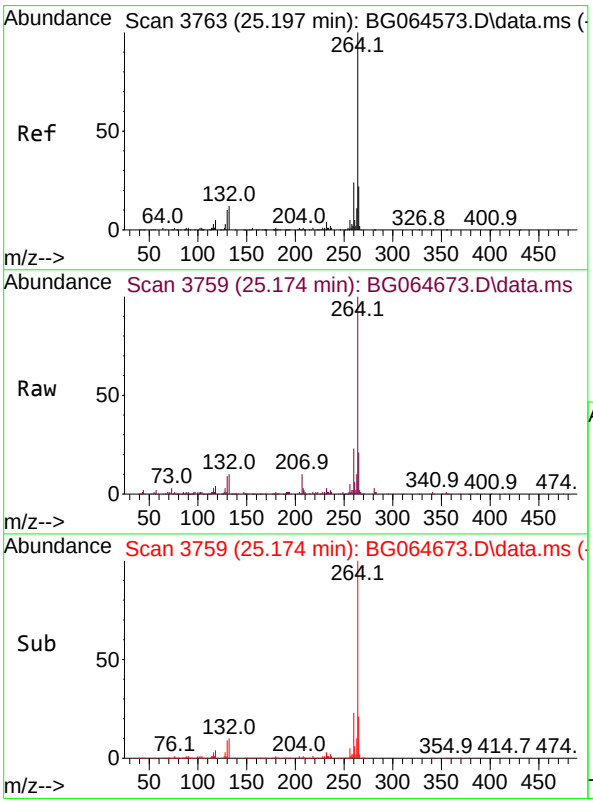
#79
Terphenyl-d14
Concen: 96.545 ng
RT: 20.162 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Tgt Ion:244 Resp: 1643150

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.1	5.6	8.4

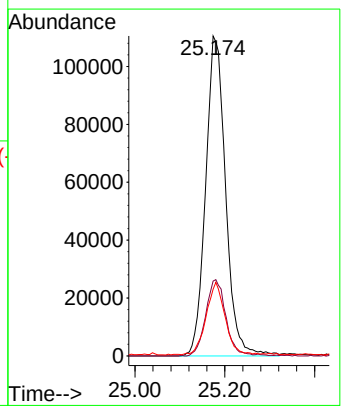




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.023 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:264 Resp: 341510

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.8	17.6	26.4



Sample Results: **BG064673.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.744	444	452	469	rBV	708227	1144619	26.81%	8.322%
2	7.348	717	725	738	rBV	650751	1148417	26.90%	8.350%
3	8.206	864	871	879	rVB	118885	206839	4.84%	1.504%
4	9.375	1062	1070	1087	rBV	368188	710193	16.63%	5.163%
5	11.038	1345	1353	1363	rBV	139120	267038	6.25%	1.941%
6	13.464	1758	1766	1782	rBV	1074100	1781674	41.73%	12.954%
7	14.833	1992	1999	2008	rBV	248245	406890	9.53%	2.958%
8	16.308	2243	2250	2265	rBV	935224	1610284	37.71%	11.707%
9	17.571	2458	2465	2479	rBV	367528	599270	14.04%	4.357%
10	20.162	2899	2906	2918	rBV	3222639	4269769	100.00%	31.043%
11	21.843	3186	3192	3202	rBV2	434509	805615	18.87%	5.857%
12	25.180	3750	3760	3770	rBV	262998	803703	18.82%	5.843%

Sum of corrected areas: 13754311

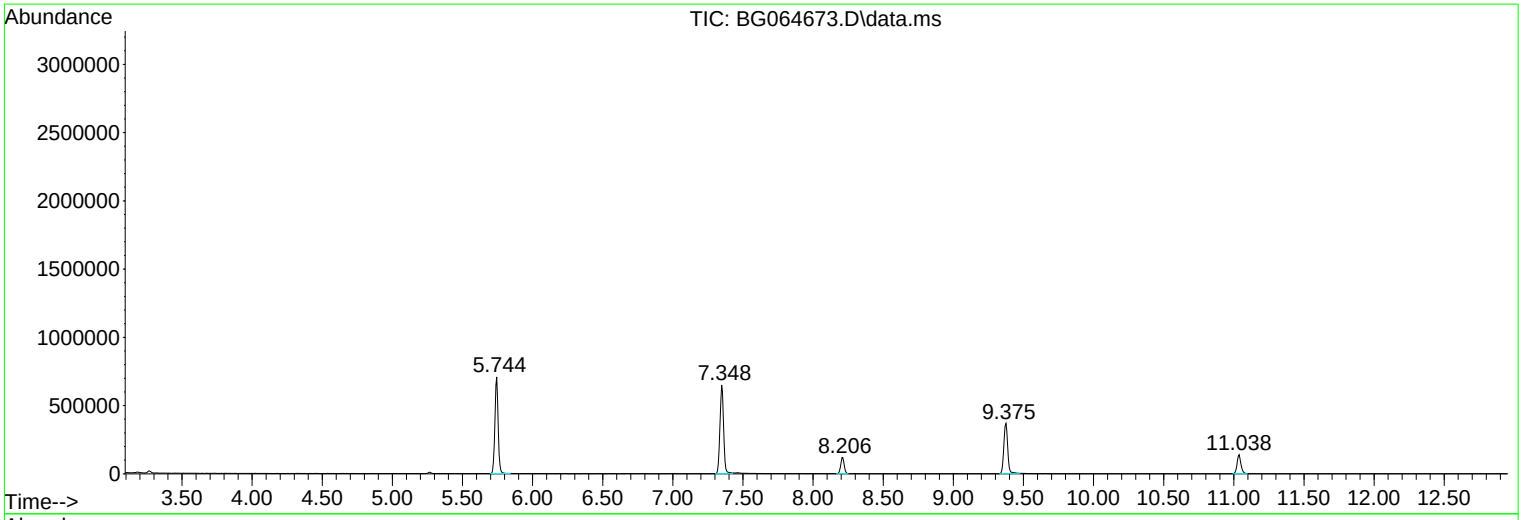
Sample Results: **BG064673.D**

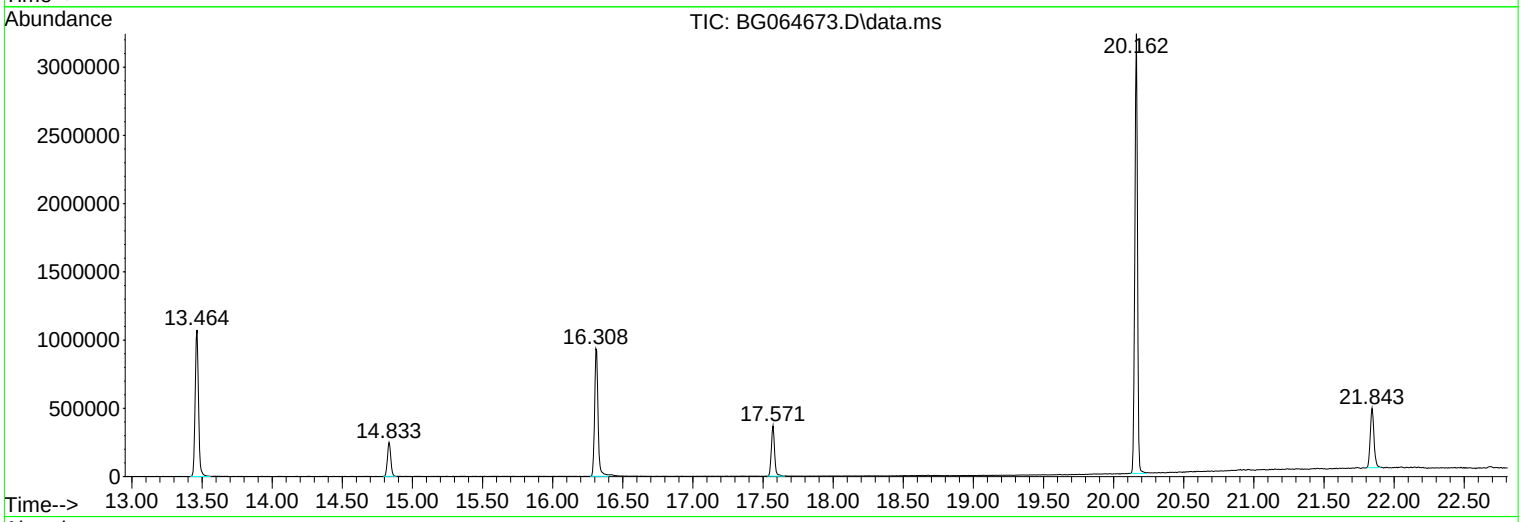
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

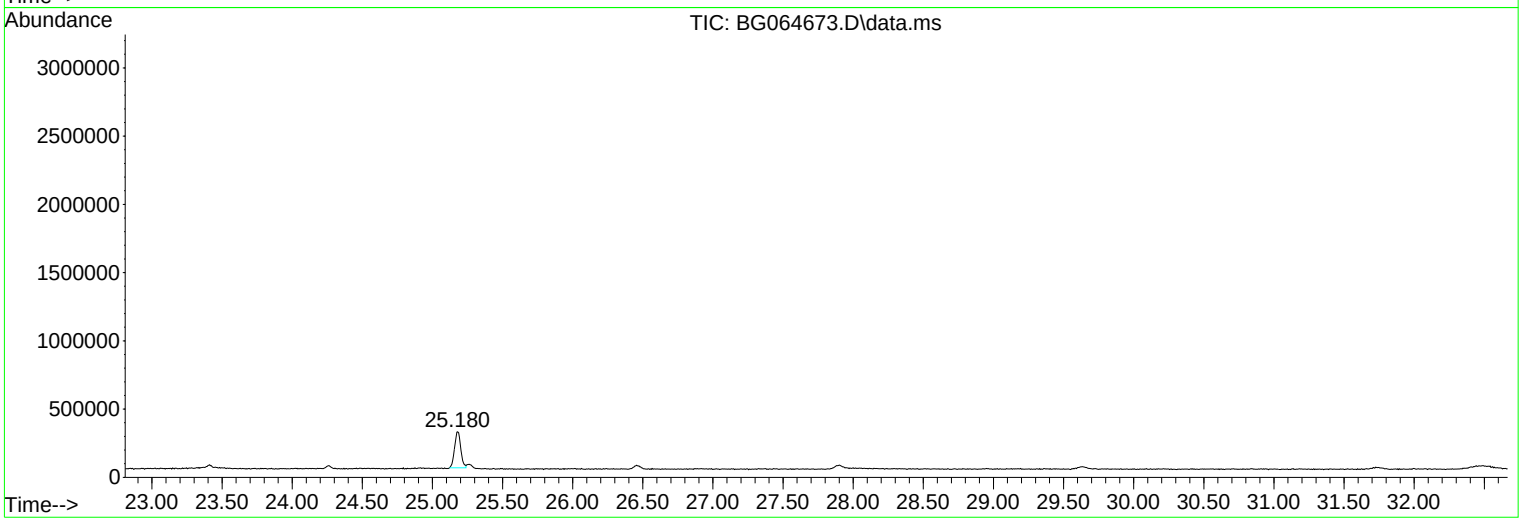
Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Sample Results: **BG064674.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	31473	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	125369	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	100193	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	249048	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	291284	20.000	ng	#-0.01
86) Perylene-d12	25.180	264	304737	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	229522	122.407	ng	0.00
7) Phenol-d6	7.353	99	317708	123.478	ng	0.00
23) Nitrobenzene-d5	9.375	82	192861	92.397	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	212695	147.083	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	539651	81.640	ng	-0.01
79) Terphenyl-d14	20.162	244	1329926	86.163	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	25132	30.274	ng	98
3) Pyridine	3.981	79	71247	28.579	ng	98
4) n-Nitrosodimethylamine	3.887	42	51911	38.830	ng	97
6) Aniline	7.524	93	106927	30.540	ng	99
8) 2-Chlorophenol	7.771	128	90900	46.315	ng	98
9) Benzaldehyde	7.330	77	41471	29.523	ng	99
10) Phenol	7.377	94	121112	42.563	ng	97
11) bis(2-Chloroethyl)ether	7.612	93	79064	37.792	ng	94
12) 1,3-Dichlorobenzene	8.100	146	94465	41.819	ng	99
13) 1,4-Dichlorobenzene	8.246	146	98423	42.851	ng	97
14) 1,2-Dichlorobenzene	8.570	146	95596	43.150	ng	99
15) Benzyl Alcohol	8.440	79	86742	40.882	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.734	45	209680	38.209	ng	99
17) 2-Methylphenol	8.640	107	84183	44.559	ng	97
18) Hexachloroethane	9.310	117	34551	42.865	ng	98
19) n-Nitroso-di-n-propyla...	9.016	70	71836	40.398	ng	94
20) 3+4-Methylphenols	8.969	107	110029	41.413	ng	98
22) Acetophenone	9.034	105	156041	45.532	ng	93
24) Nitrobenzene	9.416	77	105476	46.460	ng	96
25) Isophorone	9.950	82	199965	39.924	ng	99
26) 2-Nitrophenol	10.133	139	44327	50.434	ng	96
27) 2,4-Dimethylphenol	10.185	122	90913	48.798	ng	94
28) bis(2-Chloroethoxy)met...	10.426	93	113256	39.715	ng	99
29) 2,4-Dichlorophenol	10.673	162	94454	47.109	ng	94
30) 1,2,4-Trichlorobenzene	10.896	180	103068	45.243	ng	96
31) Naphthalene	11.090	128	293092	42.166	ng	99
32) Benzoic acid	10.309	122	63994	45.431	ng	84
33) 4-Chloroaniline	11.184	127	56613	20.955	ng	98
34) Hexachlorobutadiene	11.378	225	78715	44.182	ng	99
35) Caprolactam	11.954	113	31178m	40.543	ng	
36) 4-Chloro-3-methylphenol	12.289	107	110767	45.960	ng	96
37) 2-Methylnaphthalene	12.677	142	198311	38.860	ng	99
38) 1-Methylnaphthalene	12.894	142	207592	41.091	ng	95
40) 1,2,4,5-Tetrachloroben...	13.047	216	158567	47.157	ng	99
41) Hexachlorocyclopentadiene	13.029	237	192494	127.184	ng	96
43) 2,4,6-Trichlorophenol	13.270	196	97561	50.723	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.341	196	109490	49.329	ng		98
46)	1,1'-Biphenyl	13.670	154	337726	47.413	ng		97
47)	2-Chloronaphthalene	13.717	162	230325	42.838	ng		99
48)	2-Nitroaniline	13.905	65	83771	46.518	ng		94
49)	Acenaphthylene	14.557	152	422008	49.761	ng		99
50)	Dimethylphthalate	14.281	163	336584	43.902	ng		100
51)	2,6-Dinitrotoluene	14.392	165	66999	52.632	ng		95
52)	Acenaphthene	14.898	154	283781	48.977	ng		99
53)	3-Nitroaniline	14.721	138	47343	35.932	ng	#	94
54)	2,4-Dinitrophenol	14.927	184	88446	111.576	ng	#	30
55)	Dibenzofuran	15.232	168	407661	43.519	ng		99
56)	4-Nitrophenol	15.015	139	113539	92.945	ng		88
57)	2,4-Dinitrotoluene	15.180	165	100016	50.936	ng	#	98
58)	Fluorene	15.879	166	318811	43.579	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.450	232	113530	53.489	ng		99
60)	Diethylphthalate	15.638	149	344532	44.012	ng		98
61)	4-Chlorophenyl-phenyle...	15.867	204	181685	44.254	ng		99
62)	4-Nitroaniline	15.879	138	72768	49.643	ng		93
63)	Azobenzene	16.155	77	304790	42.435	ng		98
65)	4,6-Dinitro-2-methylph...	15.937	198	63990	57.216	ng		92
66)	n-Nitrosodiphenylamine	16.073	169	300484	44.665	ng		99
67)	4-Bromophenyl-phenylether	16.754	248	133009	45.068	ng		97
68)	Hexachlorobenzene	16.883	284	155303	46.126	ng		97
69)	Atrazine	17.019	200	139683	48.248	ng		98
70)	Pentachlorophenol	17.218	266	207688	98.918	ng		88
71)	Phenanthrene	17.612	178	602824	44.262	ng		99
72)	Anthracene	17.706	178	604988	43.668	ng		99
73)	Carbazole	17.965	167	547456	44.812	ng		100
74)	Di-n-butylphthalate	18.517	149	625052	44.244	ng		98
75)	Fluoranthene	19.610	202	782658	45.872	ng		98
77)	Benzidine	19.774	184	220989	33.863	ng		98
78)	Pyrene	19.968	202	810468	42.587	ng		99
80)	Butylbenzylphthalate	20.843	149	282780	49.163	ng		97
81)	Benzo(a)anthracene	21.825	228	863171	44.692	ng		100
82)	3,3'-Dichlorobenzidine	21.731	252	205344	31.839	ng		100
83)	Chrysene	21.895	228	798229	43.435	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.725	149	403065	46.897	ng		99
85)	Di-n-octyl phthalate	22.982	149	686767	47.394	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.005	276	998764	44.553	ng	#	97
88)	Benzo(b)fluoranthene	24.122	252	865386	46.311	ng		98
89)	Benzo(k)fluoranthene	24.192	252	855280	45.739	ng		99
90)	Benzo(a)pyrene	25.027	252	812553	47.305	ng		99
91)	Dibenzo(a,h)anthracene	29.081	278	829406	45.540	ng		97
92)	Benzo(g,h,i)perylene	30.203	276	807697	46.425	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

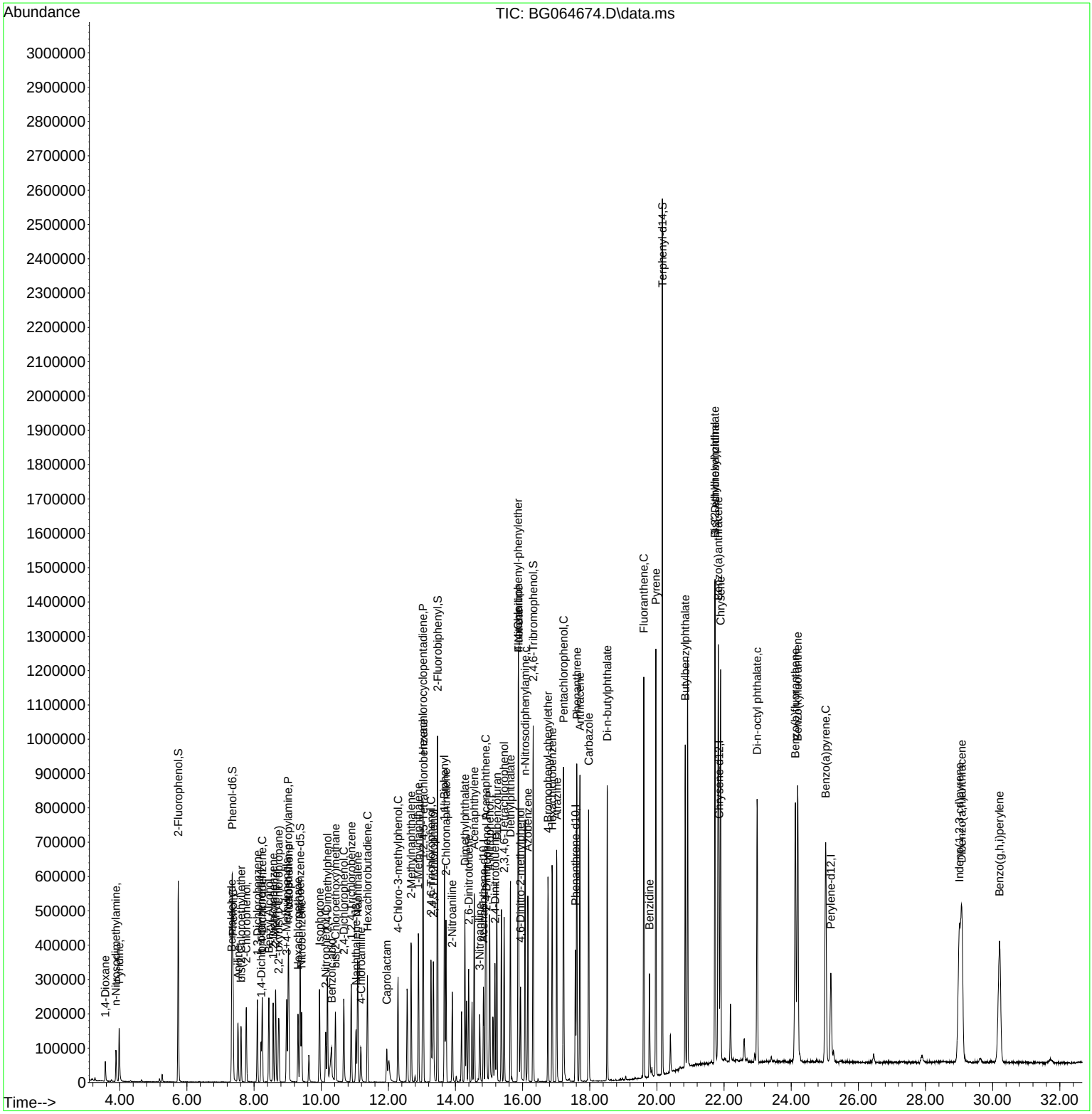
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064674.D
Acq On : 3 Nov 2025 15:57
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 00:42:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	30518	20.000	ng		-0.02
21) Naphthalene-d8	11.031	136	124719	20.000	ng		-0.02
39) Acenaphthene-d10	14.833	164	97711	20.000	ng		-0.01
64) Phenanthrene-d10	17.571	188	238341	20.000	ng		-0.01
76) Chrysene-d12	21.842	240	278646	20.000	ng		#-0.02
86) Perylene-d12	25.174	264	306904	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.743	112	161318	88.725	ng		0.00
7) Phenol-d6	7.347	99	227772	91.294	ng		0.00
23) Nitrobenzene-d5	9.369	82	142697	68.721	ng		-0.02
42) 2,4,6-Tribromophenol	16.313	330	168077	119.181	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	383758	59.531	ng		-0.02
79) Terphenyl-d14	20.156	244	884480	59.903	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	25593	31.794	ng		97
3) Pyridine	3.987	79	73171	30.270	ng		98
4) n-Nitrosodimethylamine	3.893	42	50075	38.629	ng		86
6) Aniline	7.518	93	96754	28.500	ng		98
8) 2-Chlorophenol	7.770	128	97222	51.087	ng		95
9) Benzaldehyde	7.330	77	41376	30.377	ng		94
10) Phenol	7.377	94	127181	46.094	ng		95
11) bis(2-Chloroethyl)ether	7.612	93	84758	41.782	ng		97
12) 1,3-Dichlorobenzene	8.099	146	101499	46.339	ng		96
13) 1,4-Dichlorobenzene	8.246	146	104608	46.969	ng		96
14) 1,2-Dichlorobenzene	8.564	146	103345	48.108	ng		99
15) Benzyl Alcohol	8.440	79	96620	46.963	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.728	45	228727	42.984	ng		99
17) 2-Methylphenol	8.646	107	91462	49.927	ng		98
18) Hexachloroethane	9.310	117	38511	49.274	ng		98
19) n-Nitroso-di-n-propyla...	9.016	70	78604	45.588	ng		99
20) 3+4-Methylphenols	8.969	107	123311	47.864	ng		97
22) Acetophenone	9.034	105	172750	50.670	ng	#	97
24) Nitrobenzene	9.416	77	114675	50.775	ng		96
25) Isophorone	9.944	82	220732	44.300	ng		98
26) 2-Nitrophenol	10.132	139	53095	60.086	ng	#	84
27) 2,4-Dimethylphenol	10.185	122	93864	50.644	ng		93
28) bis(2-Chloroethoxy)met...	10.420	93	124132	43.756	ng		96
29) 2,4-Dichlorophenol	10.673	162	106655	53.471	ng		95
30) 1,2,4-Trichlorobenzene	10.896	180	119732	52.832	ng		99
31) Naphthalene	11.084	128	322262	46.604	ng		98
32) Benzoic acid	10.309	122	78271m	54.276	ng		
33) 4-Chloroaniline	11.178	127	63504	23.628	ng		94
34) Hexachlorobutadiene	11.372	225	90752	51.204	ng		98
35) Caprolactam	11.954	113	31840m	41.620	ng		
36) 4-Chloro-3-methylphenol	12.289	107	122135	50.941	ng		100
37) 2-Methylnaphthalene	12.676	142	216894	42.723	ng		99
38) 1-Methylnaphthalene	12.894	142	226918	45.150	ng		94
40) 1,2,4,5-Tetrachloroben...	13.041	216	180666	55.094	ng		99
41) Hexachlorocyclopentadiene	13.029	237	218454	148.003	ng		96
43) 2,4,6-Trichlorophenol	13.270	196	102706	54.754	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.340	196	114818	53.043	ng		97
46) 1,1'-Biphenyl	13.669	154	365511	52.617	ng		95
47) 2-Chloronaphthalene	13.716	162	247117	47.128	ng		99
48) 2-Nitroaniline	13.904	65	92902	52.456	ng		93
49) Acenaphthylene	14.557	152	447526	54.110	ng		99
50) Dimethylphthalate	14.280	163	350578	46.888	ng		99
51) 2,6-Dinitrotoluene	14.392	165	72025	57.691	ng		94
52) Acenaphthene	14.897	154	296446	52.462	ng		99
53) 3-Nitroaniline	14.721	138	54127	42.124	ng		99
54) 2,4-Dinitrophenol	14.927	184	86735	112.166	ng	#	36
55) Dibenzofuran	15.226	168	436524	47.784	ng		98
56) 4-Nitrophenol	15.021	139	111684	93.749	ng		92
57) 2,4-Dinitrotoluene	15.173	165	107377	55.766	ng	#	98
58) Fluorene	15.873	166	346869	48.619	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.450	232	113483	54.825	ng		99
60) Diethylphthalate	15.632	149	351361	46.024	ng		98
61) 4-Chlorophenyl-phenyle...	15.861	204	200445	50.064	ng		99
62) 4-Nitroaniline	15.879	138	77086	53.925	ng		88
63) Azobenzene	16.155	77	346233	49.429	ng		97
65) 4,6-Dinitro-2-methylph...	15.937	198	66094	61.322	ng		95
66) n-Nitrosodiphenylamine	16.072	169	320976	49.855	ng		99
67) 4-Bromophenyl-phenylether	16.754	248	147280	52.145	ng		99
68) Hexachlorobenzene	16.877	284	174527	54.164	ng		98
69) Atrazine	17.012	200	146558	52.897	ng		97
70) Pentachlorophenol	17.218	266	138736	69.046	ng		94
71) Phenanthrene	17.612	178	626478	48.065	ng		99
72) Anthracene	17.706	178	637519	48.084	ng		99
73) Carbazole	17.964	167	559713	47.873	ng		99
74) Di-n-butylphthalate	18.517	149	640771	47.395	ng		99
75) Fluoranthene	19.609	202	800886	49.049	ng		97
77) Benzidine	19.774	184	233853	37.459	ng		99
78) Pyrene	19.968	202	824584	45.294	ng		99
80) Butylbenzylphthalate	20.837	149	283110	51.453	ng		97
81) Benzo(a)anthracene	21.825	228	895006	48.442	ng		99
82) 3,3'-Dichlorobenzidine	21.725	252	223522	36.229	ng		98
83) Chrysene	21.889	228	840571	47.814	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	403941	49.131	ng		98
85) Di-n-octyl phthalate	22.982	149	701716	50.622	ng		97
87) Indeno(1,2,3-cd)pyrene	29.010	276	1117590	49.501	ng	#	96
88) Benzo(b)fluoranthene	24.116	252	917327	48.744	ng		99
89) Benzo(k)fluoranthene	24.186	252	938287	49.823	ng		98
90) Benzo(a)pyrene	25.021	252	886118	51.224	ng		99
91) Dibenzo(a,h)anthracene	29.075	278	913373	49.797	ng		99
92) Benzo(g,h,i)perylene	30.197	276	889972	50.793	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sample Results: **BG064683.D**

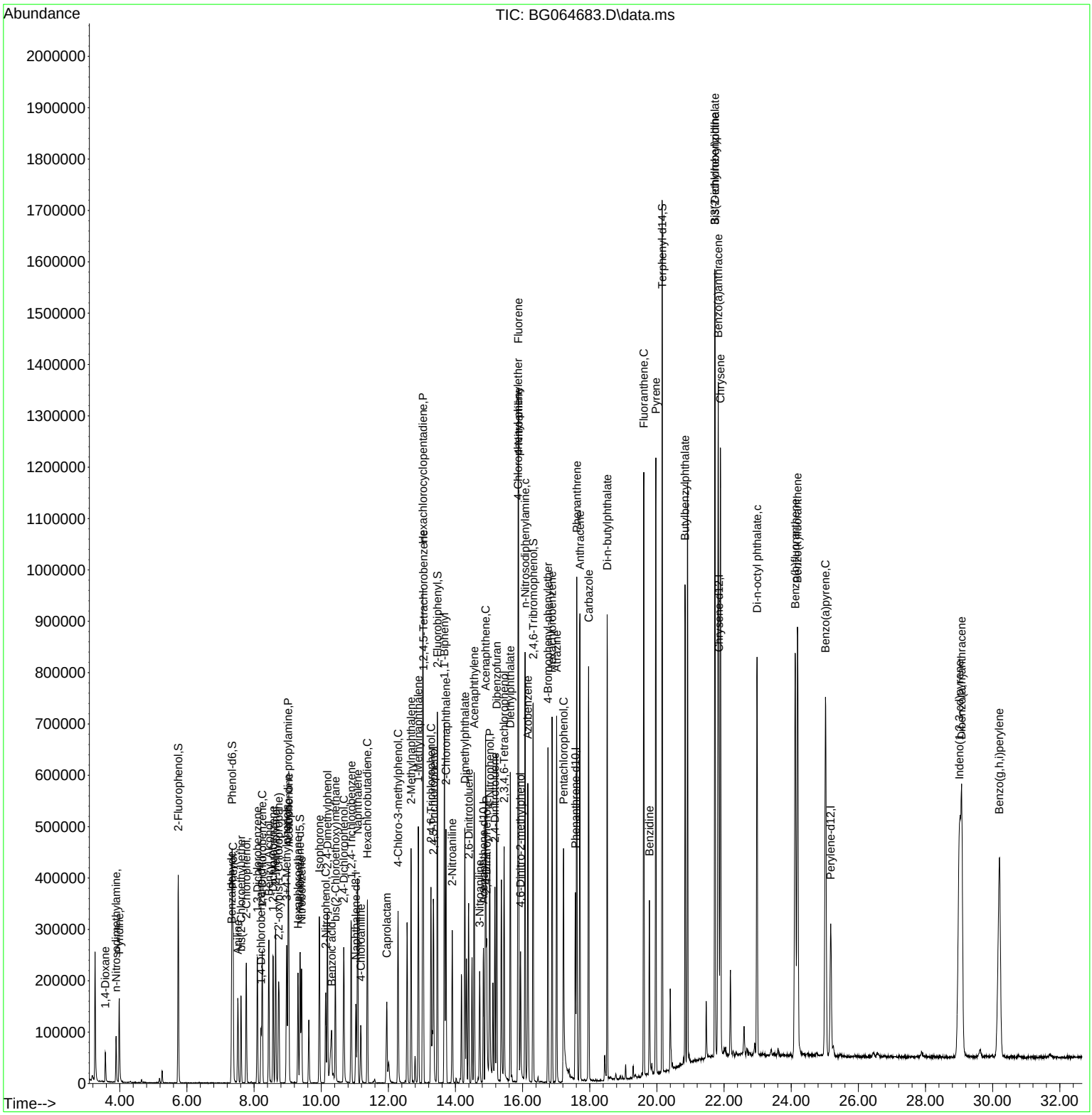
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064683.D
Acq On : 3 Nov 2025 22:05
Operator : RC/JU
Sample : Q3399-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 00:47:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	29939	20.000	ng		-0.02
21) Naphthalene-d8	11.032	136	118752	20.000	ng		-0.02
39) Acenaphthene-d10	14.834	164	97631	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	238127	20.000	ng		#-0.01
76) Chrysene-d12	21.843	240	275359	20.000	ng		#-0.02
86) Perylene-d12	25.180	264	303393	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	162495	91.101	ng		0.00
7) Phenol-d6	7.348	99	242031	98.886	ng		0.00
23) Nitrobenzene-d5	9.375	82	146476	74.085	ng		-0.01
42) 2,4,6-Tribromophenol	16.314	330	171104	121.427	ng		0.00
45) 2-Fluorobiphenyl	13.459	172	386387	59.988	ng		-0.02
79) Terphenyl-d14	20.157	244	884487	60.618	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	26347	33.364	ng		98
3) Pyridine	3.987	79	74639	31.474	ng		95
4) n-Nitrosodimethylamine	3.893	42	51702	40.655	ng		97
6) Aniline	7.519	93	105815	31.771	ng		99
8) 2-Chlorophenol	7.765	128	100448	53.803	ng		94
9) Benzaldehyde	7.331	77	43143	32.287	ng		92
10) Phenol	7.378	94	135096	49.910	ng		97
11) bis(2-Chloroethyl)ether	7.613	93	85702	43.064	ng		98
12) 1,3-Dichlorobenzene	8.100	146	102870	47.873	ng		95
13) 1,4-Dichlorobenzene	8.241	146	108729	49.763	ng		96
14) 1,2-Dichlorobenzene	8.564	146	105114	49.878	ng		98
15) Benzyl Alcohol	8.441	79	99746	49.420	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.735	45	220307	42.202	ng		98
17) 2-Methylphenol	8.641	107	90396	50.299	ng		94
18) Hexachloroethane	9.305	117	38564	50.296	ng		92
19) n-Nitroso-di-n-propyla...	9.011	70	76973	45.505	ng		99
20) 3+4-Methylphenols	8.970	107	125725	49.745	ng		98
22) Acetophenone	9.034	105	172932	53.272	ng	#	96
24) Nitrobenzene	9.416	77	115831	53.864	ng		95
25) Isophorone	9.945	82	218689	46.096	ng		99
26) 2-Nitrophenol	10.133	139	54190	64.182	ng	#	90
27) 2,4-Dimethylphenol	10.186	122	95345	54.028	ng		97
28) bis(2-Chloroethoxy)met...	10.421	93	126872	46.969	ng		100
29) 2,4-Dichlorophenol	10.674	162	105460	55.529	ng		95
30) 1,2,4-Trichlorobenzene	10.897	180	120331	55.764	ng		95
31) Naphthalene	11.085	128	322463	48.977	ng		99
32) Benzoic acid	10.309	122	74800m	54.449	ng		
33) 4-Chloroaniline	11.179	127	64055	25.031	ng		95
34) Hexachlorobutadiene	11.373	225	92994	55.106	ng		99
35) Caprolactam	11.955	113	33266m	45.669	ng		
36) 4-Chloro-3-methylphenol	12.289	107	124062	54.345	ng		96
37) 2-Methylnaphthalene	12.677	142	220918	45.702	ng		99
38) 1-Methylnaphthalene	12.895	142	232934	48.676	ng		93
40) 1,2,4,5-Tetrachloroben...	13.042	216	184783	56.395	ng		99
41) Hexachlorocyclopentadiene	13.024	237	222759	151.043	ng		97
43) 2,4,6-Trichlorophenol	13.271	196	107743	57.487	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	118709	54.886	ng		96
46) 1,1'-Biphenyl	13.670	154	372154	53.618	ng		96
47) 2-Chloronaphthalene	13.717	162	259250	49.483	ng		98
48) 2-Nitroaniline	13.905	65	93538	52.834	ng		96
49) Acenaphthylene	14.557	152	454638	55.015	ng		98
50) Dimethylphthalate	14.281	163	369114	49.408	ng		99
51) 2,6-Dinitrotoluene	14.393	165	74798	59.836	ng		93
52) Acenaphthene	14.898	154	305203	54.056	ng		99
53) 3-Nitroaniline	14.722	138	55166	42.968	ng		97
54) 2,4-Dinitrophenol	14.928	184	84070	108.975	ng	#	33
55) Dibenzofuran	15.227	168	444612	48.709	ng		96
56) 4-Nitrophenol	15.022	139	112764	94.733	ng		95
57) 2,4-Dinitrotoluene	15.174	165	108809	56.513	ng	#	99
58) Fluorene	15.874	166	351759	49.345	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.445	232	123058	59.500	ng		96
60) Diethylphthalate	15.633	149	360779	47.297	ng		100
61) 4-Chlorophenyl-phenyle...	15.862	204	205542	51.379	ng		98
62) 4-Nitroaniline	15.879	138	78871	55.219	ng		92
63) Azobenzene	16.156	77	346815	49.553	ng		97
65) 4,6-Dinitro-2-methylph...	15.938	198	70044	64.716	ng		97
66) n-Nitrosodiphenylamine	16.073	169	322527	50.141	ng		99
67) 4-Bromophenyl-phenylether	16.755	248	153261	54.311	ng		97
68) Hexachlorobenzene	16.878	284	178294	55.383	ng		96
69) Atrazine	17.013	200	147201	53.177	ng		96
70) Pentachlorophenol	17.219	266	142833	71.149	ng		96
71) Phenanthrene	17.613	178	639960	49.144	ng		99
72) Anthracene	17.701	178	649301	49.016	ng		100
73) Carbazole	17.965	167	574716	49.201	ng		99
74) Di-n-butylphthalate	18.517	149	641418	47.485	ng		99
75) Fluoranthene	19.604	202	803723	49.267	ng		98
77) Benzidine	19.775	184	244042	39.558	ng		98
78) Pyrene	19.969	202	839699	46.674	ng		100
80) Butylbenzylphthalate	20.838	149	290726	53.468	ng		96
81) Benzo(a)anthracene	21.825	228	903611	49.492	ng		99
82) 3,3'-Dichlorobenzidine	21.731	252	224568	36.833	ng		96
83) Chrysene	21.890	228	854597	49.192	ng		98
84) Bis(2-ethylhexyl)phtha...	21.725	149	412267	50.742	ng		99
85) Di-n-octyl phthalate	22.983	149	706328	51.563	ng		97
87) Indeno(1,2,3-cd)pyrene	29.011	276	1121993	50.272	ng	#	96
88) Benzo(b)fluoranthene	24.117	252	936337	50.330	ng		98
89) Benzo(k)fluoranthene	24.193	252	944899	50.755	ng		99
90) Benzo(a)pyrene	25.022	252	883881	51.686	ng		97
91) Dibenzo(a,h)anthracene	29.076	278	922930	50.900	ng		97
92) Benzo(g,h,i)perylene	30.198	276	895587	51.705	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

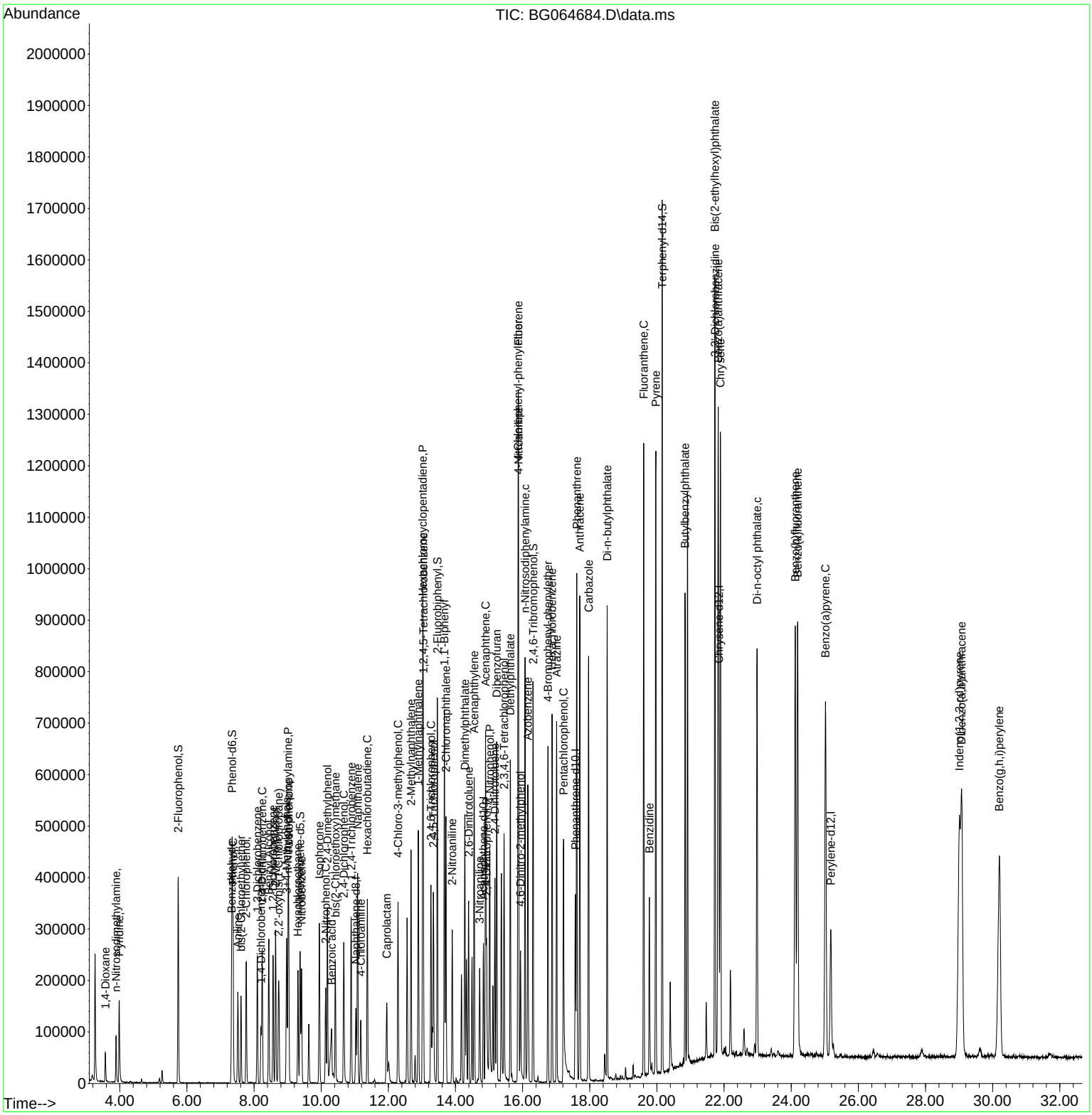
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064684.D
Acq On : 3 Nov 2025 22:46
Operator : RC/JU
Sample : Q3399-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 00:48:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	Jagrut	10/27/2025 12:24:41 PM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	Jagrut	10/27/2025 12:24:43 PM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	Jagrut	10/27/2025 12:24:45 PM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	rahul	10/27/2025 8:33:03 AM	Jagrut	10/27/2025 12:24:48 PM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	rahul	10/27/2025 8:33:07 AM	Jagrut	10/27/2025 12:24:52 PM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	Jagrut	10/27/2025 12:24:54 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG110325	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064671.D	3 Nov 2025 13:54	RC/JU	Ok
2	SSTDCCC040	BG064672.D	3 Nov 2025 14:35	RC/JU	Ok,NR
3	PB170206BL	BG064673.D	3 Nov 2025 15:16	RC/JU	Ok
4	PB170206BS	BG064674.D	3 Nov 2025 15:57	RC/JU	Ok,NR
5	PB170216BL	BG064675.D	3 Nov 2025 16:38	RC/JU	Ok
6	PB170216BS	BG064676.D	3 Nov 2025 17:19	RC/JU	Ok,NR
7	PB170172TB	BG064677.D	3 Nov 2025 18:00	RC/JU	Ok
8	Q3399-02	BG064678.D	3 Nov 2025 18:41	RC/JU	Ok
9	Q3368-06	BG064679.D	3 Nov 2025 19:22	RC/JU	Ok
10	Q3368-06MS	BG064680.D	3 Nov 2025 20:02	RC/JU	Ok,NR
11	Q3368-06MSD	BG064681.D	3 Nov 2025 20:43	RC/JU	Ok,NR
12	Q3399-01	BG064682.D	3 Nov 2025 21:24	RC/JU	Ok
13	Q3399-01MS	BG064683.D	3 Nov 2025 22:05	RC/JU	Ok,NR
14	Q3399-01MSD	BG064684.D	3 Nov 2025 22:46	RC/JU	Ok,NR
15	SSTDCCC040	BG064685.D	3 Nov 2025 23:27	RC/JU	Ok,NR

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064671.D	3 Nov 2025 13:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064672.D	3 Nov 2025 14:35		RC/JU	Ok,NR
3	PB170206BL	PB170206BL	BG064673.D	3 Nov 2025 15:16	Good for DOD Projects	RC/JU	Ok
4	PB170206BS	PB170206BS	BG064674.D	3 Nov 2025 15:57		RC/JU	Ok,NR
5	PB170216BL	PB170216BL	BG064675.D	3 Nov 2025 16:38		RC/JU	Ok
6	PB170216BS	PB170216BS	BG064676.D	3 Nov 2025 17:19		RC/JU	Ok,NR
7	PB170172TB	PB170172TB	BG064677.D	3 Nov 2025 18:00		RC/JU	Ok
8	Q3399-02	COMP-ROLLOFF	BG064678.D	3 Nov 2025 18:41		RC/JU	Ok
9	Q3368-06	OUTSIDE-DUMPSTER	BG064679.D	3 Nov 2025 19:22		RC/JU	Ok
10	Q3368-06MS	OUTSIDE-DUMPSTER	BG064680.D	3 Nov 2025 20:02		RC/JU	Ok,NR
11	Q3368-06MSD	OUTSIDE-DUMPSTER	BG064681.D	3 Nov 2025 20:43		RC/JU	Ok,NR
12	Q3399-01	COMP-ROLLOFF	BG064682.D	3 Nov 2025 21:24		RC/JU	Ok
13	Q3399-01MS	COMP-ROLLOFFMS	BG064683.D	3 Nov 2025 22:05		RC/JU	Ok,NR
14	Q3399-01MSD	COMP-ROLLOFFMSD	BG064684.D	3 Nov 2025 22:46		RC/JU	Ok,NR
15	SSTDCCC040	SSTDCCC040EC	BG064685.D	3 Nov 2025 23:27		RC/JU	Ok,NR

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170206

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/22/2025
Matrix :	Solid			**Extraction Start Time :**	09:55
Weigh By:	EH	**Extraction By:**	EH	**Extraction End Date :**	10/22/2025
Balance check:	EH	**Filter By:**	RS	**Extraction End Time :**	13:55
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2652
Methylene Chloride	N/A	E3980
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext lab)	RC/SVOC
14:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170206

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170206BL	SBLK206	SVOC-TCL BNA -20	30.01	N/A	Evelyn	RUPESH	1			U6-1
PB170206BS	SLCS206	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1			2
Q3399-01	COMP-ROLLOFF	SVOC-TCL BNA -20	30.09	N/A	Evelyn	RUPESH	1	C		3
Q3399-01MS	COMP-ROLLOFFMS	SVOC-TCL BNA -20	30.08	N/A	Evelyn	RUPESH	1	C		4
Q3399-01MSD	COMP-ROLLOFFMSD	SVOC-TCL BNA -20	30.06	N/A	Evelyn	RUPESH	1	C		5
Q3404-01	MOO-25-0285-0288	SVOC-TCL BNA -20	50.10	N/A	Evelyn	RUPESH	1	E		6
Q3404-04	MOO-25-0292	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1	E	Small Particles	U1-1
Q3405-01	PAD-10-20-25-A	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B	Concrete	2
Q3405-02	PAD-10-20-25-B	SVOC-PAH	50.08	N/A	Evelyn	RUPESH	1	B	Concrete	3
Q3405-03	PAD-10-20-25-C	SVOC-PAH	50.01	N/A	Evelyn	RUPESH	1	B	Concrete	4
Q3405-04	SW-10-20-25-A	SVOC-PAH	50.04	N/A	Evelyn	RUPESH	1	B	Concrete	5
Q3406-01	ARS20-0037	SVOC-TCL BNA -20	50.07	N/A	Evelyn	RUPESH	1	E		6
Q3409-01	EXCAVATION-AREA-A	SVOC-PAH	50.02	N/A	Evelyn	RUPESH	1	B		U3-1
Q3409-02	EXCAVATION-AREA-B	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B		2
Q3412-01	TP-6	SVOC-TCL BNA -20	50.08	N/A	Evelyn	RUPESH	1	E		3
Q3416-01	NB-08-10212025	SVOC-TCL BNA -20	50.04	N/A	Evelyn	RUPESH	1	E		4

RS
10/22

* **Extracts relinquished on the same date as received.**

170206
9:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3412 **WorkList ID :** 192609 **Department :** Extraction **Date :** 10-22-2025 09:14:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ICES02	D41	10/20/2025	8270E
Q3404-01	MOO-25-0285-0288	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3404-04	MOO-25-0292	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3405-01	PAD-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-02	PAD-10-20-25-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-03	PAD-10-20-25-C	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-04	SW-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3406-01	ARS20-0037	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-01	EXCAVATION-AREA-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-02	EXCAVATION-AREA-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3412-01	TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3416-01	NB-08-10212025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	10/21/2025	8270E

Date/Time 10/22/25 9:50
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: [illegible] SM

Date/Time 10/22/25 10:20
Raw Sample Received by: [illegible] SM
Raw Sample Relinquished by: RS (Ext lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			SVOC-TCL BNA -20	8270E		10/22/25	11/03/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP BNA	8270E		10/22/25	11/03/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :									
				0.000					
			Total Svoc :		**0.00**				
			Total Concentration:		**0.00**				

SAMPLE DATA

Raw Data: BB026074.D

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PB170172TB	SDG No.:	Q3399
Lab Sample ID:	PB170172TB	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	SW3510C Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	40.0	U	1	12.8	40.0	50.0	ug/L	11/03/25 18:00	PB170216
106-46-7	1,4-Dichlorobenzene	40.0	U	1	5.30	40.0	50.0	ug/L	11/03/25 18:00	PB170216
95-48-7	2-Methylphenol	40.0	U	1	11.2	40.0	50.0	ug/L	11/03/25 18:00	PB170216
65794-96-9	3+4-Methylphenols	80.0	U	1	11.0	80.0	100	ug/L	11/03/25 18:00	PB170216
67-72-1	Hexachloroethane	40.0	U	1	6.50	40.0	50.0	ug/L	11/03/25 18:00	PB170216
98-95-3	Nitrobenzene	40.0	U	1	7.60	40.0	50.0	ug/L	11/03/25 18:00	PB170216
87-68-3	Hexachlorobutadiene	40.0	U	1	5.40	40.0	50.0	ug/L	11/03/25 18:00	PB170216
88-06-2	2,4,6-Trichlorophenol	40.0	U	1	5.10	40.0	50.0	ug/L	11/03/25 18:00	PB170216
95-95-4	2,4,5-Trichlorophenol	40.0	U	1	6.20	40.0	50.0	ug/L	11/03/25 18:00	PB170216
121-14-2	2,4-Dinitrotoluene	40.0	U	1	12.2	40.0	50.0	ug/L	11/03/25 18:00	PB170216
118-74-1	Hexachlorobenzene	40.0	U	1	5.20	40.0	50.0	ug/L	11/03/25 18:00	PB170216
87-86-5	Pentachlorophenol	80.0	U	1	15.8	80.0	100	ug/L	11/03/25 18:00	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	111			19 - 119		74%	SPK: 150		
13127-88-3	Phenol-d6	104			10 - 130		69%	SPK: 150		
4165-60-0	Nitrobenzene-d5	89.1			44 - 120		89%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.7			44 - 119		83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	141			43 - 140		94%	SPK: 150		
1718-51-0	Terphenyl-d14	81.4			50 - 134		81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	38400								
1146-65-2	Naphthalene-d8	144000								
15067-26-2	Acenaphthene-d10	111000								
1517-22-2	Phenanthrene-d10	283000								
1719-03-5	Chrysene-d12	351000								
1520-96-3	Perylene-d12	375000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BG064678.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	SW3510C Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	40.0	U	1	12.8	40.0	50.0	ug/L	11/03/25 18:41	PB170216
106-46-7	1,4-Dichlorobenzene	40.0	U	1	5.30	40.0	50.0	ug/L	11/03/25 18:41	PB170216
95-48-7	2-Methylphenol	40.0	U	1	11.2	40.0	50.0	ug/L	11/03/25 18:41	PB170216
65794-96-9	3+4-Methylphenols	80.0	U	1	11.0	80.0	100	ug/L	11/03/25 18:41	PB170216
67-72-1	Hexachloroethane	40.0	U	1	6.50	40.0	50.0	ug/L	11/03/25 18:41	PB170216
98-95-3	Nitrobenzene	40.0	U	1	7.60	40.0	50.0	ug/L	11/03/25 18:41	PB170216
87-68-3	Hexachlorobutadiene	40.0	U	1	5.40	40.0	50.0	ug/L	11/03/25 18:41	PB170216
88-06-2	2,4,6-Trichlorophenol	40.0	U	1	5.10	40.0	50.0	ug/L	11/03/25 18:41	PB170216
95-95-4	2,4,5-Trichlorophenol	40.0	U	1	6.20	40.0	50.0	ug/L	11/03/25 18:41	PB170216
121-14-2	2,4-Dinitrotoluene	40.0	U	1	12.2	40.0	50.0	ug/L	11/03/25 18:41	PB170216
118-74-1	Hexachlorobenzene	40.0	U	1	5.20	40.0	50.0	ug/L	11/03/25 18:41	PB170216
87-86-5	Pentachlorophenol	80.0	U	1	15.8	80.0	100	ug/L	11/03/25 18:41	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	113			19 - 119		76%	SPK: 150		
13127-88-3	Phenol-d6	93.3			10 - 130		62%	SPK: 150		
4165-60-0	Nitrobenzene-d5	101			44 - 120		101%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.1			44 - 119		87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	143			43 - 140		95%	SPK: 150		
1718-51-0	Terphenyl-d14	89.2			50 - 134		89%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	28400								
1146-65-2	Naphthalene-d8	107000								
15067-26-2	Acenaphthene-d10	82500								
1517-22-2	Phenanthrene-d10	213000								
1719-03-5	Chrysene-d12	266000								
1520-96-3	Perylene-d12	285000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170172TB	PB170172TB	2-Fluorophenol	150	111	74		19	119
		Phenol-d6	150	104	69		10	130
		Nitrobenzene-d5	100	89.1	89		44	120
		2-Fluorobiphenyl	100	82.7	83		44	119
		2,4,6-Tribromophenol	150	141	94		43	140
		Terphenyl-d14	100	81.4	81		50	134
PB170216BL	PB170216BL	2-Fluorophenol	150	104	69		19	119
		Phenol-d6	150	95.4	64		10	130
		Nitrobenzene-d5	100	83.4	83		44	120
		2-Fluorobiphenyl	100	74.1	74		44	119
		2,4,6-Tribromophenol	150	126	84		43	140
		Terphenyl-d14	100	75.9	76		50	134
PB170216BS	PB170216BS	2-Fluorophenol	150	116	77		19	119
		Phenol-d6	150	122	81		10	130
		Nitrobenzene-d5	100	92.8	93		44	120
		2-Fluorobiphenyl	100	80.9	81		44	119
		2,4,6-Tribromophenol	150	150	100		43	140
		Terphenyl-d14	100	82.9	83		50	134
Q3368-06MS	OUTSIDE-DUMPSTERMS	2-Fluorophenol	150	134	90		19	119
		Phenol-d6	150	123	82		10	130
		Nitrobenzene-d5	100	112	112		44	120
		2-Fluorobiphenyl	100	96.2	96		44	119
		2,4,6-Tribromophenol	150	184	123		43	140
		Terphenyl-d14	100	71.0	71		50	134
Q3368-06MSD	OUTSIDE-DUMPSTERMSD	2-Fluorophenol	150	135	90		19	119
		Phenol-d6	150	123	82		10	130
		Nitrobenzene-d5	100	113	113		44	120
		2-Fluorobiphenyl	100	96.1	96		44	119
		2,4,6-Tribromophenol	150	178	119		43	140
		Terphenyl-d14	100	70.5	71		50	134
Q3399-02	COMP-ROLLOFF	2-Fluorophenol	150	113	76		19	119
		Phenol-d6	150	93.3	62		10	130
		Nitrobenzene-d5	100	101	101		44	120
		2-Fluorobiphenyl	100	87.1	87		44	119
		2,4,6-Tribromophenol	150	143	95		43	140
		Terphenyl-d14	100	89.2	89		50	134

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064680.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3368-06MS		**Client Sample ID: OUTSIDE-DUMPSTERMS**									
Pyridine	500	0	240	ug/L	48				10	153	
1,4-Dichlorobenzene	500	0	410	ug/L	82				29	112	
2-Methylphenol	500	0	470	ug/L	94				30	117	
3+4-Methylphenols	500	0	450	ug/L	90				29	110	
Hexachloroethane	500	0	420	ug/L	84				21	115	
Nitrobenzene	500	0	510	ug/L	102				45	121	
Hexachlorobutadiene	500	0	480	ug/L	96				22	124	
2,4,6-Trichlorophenol	500	0	620	ug/L	124				50	125	
2,4,5-Trichlorophenol	500	0	590	ug/L	118				53	123	
2,4-Dinitrotoluene	500	0	580	ug/L	116				57	128	
Hexachlorobenzene	500	0	540	ug/L	108				53	125	
Pentachlorophenol	1000	0	1200	ug/L	120				35	138	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064681.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3368-06MSD		**Client Sample ID: OUTSIDE-DUMPSTERMSD**									
Pyridine	500	0	230	ug/L	46		4		10	153	20
1,4-Dichlorobenzene	500	0	420	ug/L	84		2		29	112	20
2-Methylphenol	500	0	470	ug/L	94		0		30	117	20
3+4-Methylphenols	500	0	460	ug/L	92		2		29	110	20
Hexachloroethane	500	0	420	ug/L	84		0		21	115	20
Nitrobenzene	500	0	520	ug/L	104		2		45	121	20
Hexachlorobutadiene	500	0	500	ug/L	100		4		22	124	20
2,4,6-Trichlorophenol	500	0	600	ug/L	120		3		50	125	20
2,4,5-Trichlorophenol	500	0	590	ug/L	118		0		53	123	20
2,4-Dinitrotoluene	500	0	570	ug/L	114		2		57	128	20
Hexachlorobenzene	500	0	520	ug/L	104		4		53	125	20
Pentachlorophenol	1000	0	1000	ug/L	100		18		35	138	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064676.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170216BS	Pyridine	50	26.0	ug/L	52				10	153	
	1,4-Dichlorobenzene	50	42.0	ug/L	84				29	112	
	2-Methylphenol	50	43.4	ug/L	87				30	117	
	3+4-Methylphenols	50	41.8	ug/L	84				29	110	
	Hexachloroethane	50	42.1	ug/L	84				21	115	
	Nitrobenzene	50	47.0	ug/L	94				45	121	
	Hexachlorobutadiene	50	43.6	ug/L	87				22	124	
	2,4,6-Trichlorophenol	50	51.2	ug/L	102				50	125	
	2,4,5-Trichlorophenol	50	48.9	ug/L	98				53	123	
	2,4-Dinitrotoluene	50	51.4	ug/L	103				57	128	
	Hexachlorobenzene	50	45.5	ug/L	91				53	125	
	Pentachlorophenol	100	100	ug/L	100				35	138	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170216BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064675.D | Lab Sample ID: PB170216BL

Instrument ID: BNA_G | Date Extracted: 10/22/2025

Matrix: (soil/water) water | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 16:38

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170216BS	PB170216BS	BG064676.D	11/03/2025
COMP-ROLLOFF	Q3399-02	BG064678.D	11/03/2025
OUTSIDE-DUMPSTERMS	Q3368-06MS	BG064680.D	11/03/2025
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	BG064681.D	11/03/2025
PB170172TB	PB170172TB	BG064677.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064671.D | DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_G | DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.3 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064672.D	11/03/2025	14:35
PB170216BL	PB170216BL	BG064675.D	11/03/2025	16:38
PB170216BS	PB170216BS	BG064676.D	11/03/2025	17:19
PB170172TB	PB170172TB	BG064677.D	11/03/2025	18:00
COMP-ROLLOFF	Q3399-02	BG064678.D	11/03/2025	18:41
OUTSIDE-DUMPSTERMS	Q3368-06MS	BG064680.D	11/03/2025	20:02
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	BG064681.D	11/03/2025	20:43
SSTDCCC040EC	SSTDCCC040	BG064685.D	11/03/2025	23:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	31906	8.207	126610	11.04	99069	14.83
	UPPER LIMIT	63812	8.707	253220	11.539	198138	15.334
	LOWER LIMIT	15953	7.707	63305	10.539	49534.5	14.334
	EPA SAMPLE NO.						
01	PB170216BL	35344	8.21	128956	11.03	100482	14.83
02	PB170216BS	36665	8.21	145545	11.03	116501	14.84
03	PB170172TB	38354	8.21	143910	11.04	111139	14.83
04	OUTSIDE-DUMPSTERMS	30368	8.21	117215	11.03	90360	14.83
05	OUTSIDE-DUMPSTERMSD	29562	8.21	113027	11.03	89136	14.83
06	COMP-ROLLOFF	28350	8.21	106669	11.03	82537	14.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	239125	17.572	279624	21.85	296512	25.187
	UPPER LIMIT	478250	18.072	559248	22.35	593024	25.687
	LOWER LIMIT	119563	17.072	139812	21.35	148256	24.687
	EPA SAMPLE NO.						
01	PB170216BL	255711	17.57	322524	21.84	339110	25.18
02	PB170216BS	291857	17.57	341711	21.85	361251	25.18
03	PB170172TB	282768	17.57	350601	21.84	374940	25.18
04	OUTSIDE-DUMPSTERMS	222095	17.57	260459	21.84	283712	25.18
05	OUTSIDE-DUMPSTERMSD	214377	17.57	255846	21.85	276510	25.18
06	COMP-ROLLOFF	212744	17.57	266419	21.84	284835	25.18

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **BG064675.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170216BL	SDG No.:	Q3399
Lab Sample ID:	PB170216BL	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	4.00	U	1	1.30	4.00	5.00	ug/L	11/03/25 16:38	PB170216
106-46-7	1,4-Dichlorobenzene	4.00	U	1	0.53	4.00	5.00	ug/L	11/03/25 16:38	PB170216
95-48-7	2-Methylphenol	4.00	U	1	1.10	4.00	5.00	ug/L	11/03/25 16:38	PB170216
65794-96-9	3+4-Methylphenols	8.00	U	1	1.10	8.00	10.0	ug/L	11/03/25 16:38	PB170216
67-72-1	Hexachloroethane	4.00	U	1	0.65	4.00	5.00	ug/L	11/03/25 16:38	PB170216
98-95-3	Nitrobenzene	4.00	U	1	0.76	4.00	5.00	ug/L	11/03/25 16:38	PB170216
87-68-3	Hexachlorobutadiene	4.00	U	1	0.54	4.00	5.00	ug/L	11/03/25 16:38	PB170216
88-06-2	2,4,6-Trichlorophenol	4.00	U	1	0.51	4.00	5.00	ug/L	11/03/25 16:38	PB170216
95-95-4	2,4,5-Trichlorophenol	4.00	U	1	0.62	4.00	5.00	ug/L	11/03/25 16:38	PB170216
121-14-2	2,4-Dinitrotoluene	4.00	U	1	1.20	4.00	5.00	ug/L	11/03/25 16:38	PB170216
118-74-1	Hexachlorobenzene	4.00	U	1	0.52	4.00	5.00	ug/L	11/03/25 16:38	PB170216
87-86-5	Pentachlorophenol	8.00	U	1	1.60	8.00	10.0	ug/L	11/03/25 16:38	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	104			19 - 119		69%	SPK: 150		
13127-88-3	Phenol-d6	95.4			10 - 130		64%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.4			44 - 120		83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.1			44 - 119		74%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			43 - 140		84%	SPK: 150		
1718-51-0	Terphenyl-d14	75.9			50 - 134		76%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	35300								
1146-65-2	Naphthalene-d8	129000								
15067-26-2	Acenaphthene-d10	100000								
1517-22-2	Phenanthrene-d10	256000								
1719-03-5	Chrysene-d12	323000								
1520-96-3	Perylene-d12	339000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BG064676.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170216BS	SDG No.:	Q3399
Lab Sample ID:	PB170216BS	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	26.0		1	1.30	4.00	5.00	ug/L	11/03/25 17:19	PB170216
106-46-7	1,4-Dichlorobenzene	42.0		1	0.53	4.00	5.00	ug/L	11/03/25 17:19	PB170216
95-48-7	2-Methylphenol	43.4		1	1.10	4.00	5.00	ug/L	11/03/25 17:19	PB170216
65794-96-9	3+4-Methylphenols	41.8		1	1.10	8.00	10.0	ug/L	11/03/25 17:19	PB170216
67-72-1	Hexachloroethane	42.1		1	0.65	4.00	5.00	ug/L	11/03/25 17:19	PB170216
98-95-3	Nitrobenzene	47.0		1	0.76	4.00	5.00	ug/L	11/03/25 17:19	PB170216
87-68-3	Hexachlorobutadiene	43.6		1	0.54	4.00	5.00	ug/L	11/03/25 17:19	PB170216
88-06-2	2,4,6-Trichlorophenol	51.2		1	0.51	4.00	5.00	ug/L	11/03/25 17:19	PB170216
95-95-4	2,4,5-Trichlorophenol	48.9		1	0.62	4.00	5.00	ug/L	11/03/25 17:19	PB170216
121-14-2	2,4-Dinitrotoluene	51.4		1	1.20	4.00	5.00	ug/L	11/03/25 17:19	PB170216
118-74-1	Hexachlorobenzene	45.5		1	0.52	4.00	5.00	ug/L	11/03/25 17:19	PB170216
87-86-5	Pentachlorophenol	100	E	1	1.60	8.00	10.0	ug/L	11/03/25 17:19	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	116			19 - 119		77%	SPK: 150		
13127-88-3	Phenol-d6	122			10 - 130		81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.8			44 - 120		93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	80.9			44 - 119		81%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	150			43 - 140		100%	SPK: 150		
1718-51-0	Terphenyl-d14	82.9			50 - 134		83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	36700								
1146-65-2	Naphthalene-d8	146000								
15067-26-2	Acenaphthene-d10	117000								
1517-22-2	Phenanthrene-d10	292000								
1719-03-5	Chrysene-d12	342000								
1520-96-3	Perylene-d12	361000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BG064680.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/16/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERMS	SDG No.:	Q3399
Lab Sample ID:	Q3368-06MS	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	240		1	12.8	40.0	50.0	ug/L	11/03/25 20:02	PB170216
106-46-7	1,4-Dichlorobenzene	410		1	5.30	40.0	50.0	ug/L	11/03/25 20:02	PB170216
95-48-7	2-Methylphenol	470		1	11.2	40.0	50.0	ug/L	11/03/25 20:02	PB170216
65794-96-9	3+4-Methylphenols	450		1	11.0	80.0	100	ug/L	11/03/25 20:02	PB170216
67-72-1	Hexachloroethane	420		1	6.50	40.0	50.0	ug/L	11/03/25 20:02	PB170216
98-95-3	Nitrobenzene	510		1	7.60	40.0	50.0	ug/L	11/03/25 20:02	PB170216
87-68-3	Hexachlorobutadiene	480		1	5.40	40.0	50.0	ug/L	11/03/25 20:02	PB170216
88-06-2	2,4,6-Trichlorophenol	620		1	5.10	40.0	50.0	ug/L	11/03/25 20:02	PB170216
95-95-4	2,4,5-Trichlorophenol	590		1	6.20	40.0	50.0	ug/L	11/03/25 20:02	PB170216
121-14-2	2,4-Dinitrotoluene	580		1	12.2	40.0	50.0	ug/L	11/03/25 20:02	PB170216
118-74-1	Hexachlorobenzene	540		1	5.20	40.0	50.0	ug/L	11/03/25 20:02	PB170216
87-86-5	Pentachlorophenol	1200	E	1	15.8	80.0	100	ug/L	11/03/25 20:02	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	134			19 - 119		90%	SPK: 150		
13127-88-3	Phenol-d6	123			10 - 130		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	112			44 - 120		112%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.2			44 - 119		96%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	184			43 - 140		123%	SPK: 150		
1718-51-0	Terphenyl-d14	71.0			50 - 134		71%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	30400								
1146-65-2	Naphthalene-d8	117000								
15067-26-2	Acenaphthene-d10	90400								
1517-22-2	Phenanthrene-d10	222000								
1719-03-5	Chrysene-d12	260000								
1520-96-3	Perylene-d12	284000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BG064681.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/16/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERMSD	SDG No.:	Q3399
Lab Sample ID:	Q3368-06MSD	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	230		1	12.8	40.0	50.0	ug/L	11/03/25 20:43	PB170216
106-46-7	1,4-Dichlorobenzene	420		1	5.30	40.0	50.0	ug/L	11/03/25 20:43	PB170216
95-48-7	2-Methylphenol	470		1	11.2	40.0	50.0	ug/L	11/03/25 20:43	PB170216
65794-96-9	3+4-Methylphenols	460		1	11.0	80.0	100	ug/L	11/03/25 20:43	PB170216
67-72-1	Hexachloroethane	420		1	6.50	40.0	50.0	ug/L	11/03/25 20:43	PB170216
98-95-3	Nitrobenzene	520		1	7.60	40.0	50.0	ug/L	11/03/25 20:43	PB170216
87-68-3	Hexachlorobutadiene	500		1	5.40	40.0	50.0	ug/L	11/03/25 20:43	PB170216
88-06-2	2,4,6-Trichlorophenol	600		1	5.10	40.0	50.0	ug/L	11/03/25 20:43	PB170216
95-95-4	2,4,5-Trichlorophenol	590		1	6.20	40.0	50.0	ug/L	11/03/25 20:43	PB170216
121-14-2	2,4-Dinitrotoluene	570		1	12.2	40.0	50.0	ug/L	11/03/25 20:43	PB170216
118-74-1	Hexachlorobenzene	520		1	5.20	40.0	50.0	ug/L	11/03/25 20:43	PB170216
87-86-5	Pentachlorophenol	1000	E	1	15.8	80.0	100	ug/L	11/03/25 20:43	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	135			19 - 119		90%	SPK: 150		
13127-88-3	Phenol-d6	123			10 - 130		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	113			44 - 120		113%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.1			44 - 119		96%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	178			43 - 140		119%	SPK: 150		
1718-51-0	Terphenyl-d14	70.5			50 - 134		71%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	29600								
1146-65-2	Naphthalene-d8	113000								
15067-26-2	Acenaphthene-d10	89100								
1517-22-2	Phenanthrene-d10	214000								
1719-03-5	Chrysene-d12	256000								
1520-96-3	Perylene-d12	277000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID: RRF2.5 = BG064569.D RRF005 = BG064570.D RRF010 = BG064571.D
RRF020 = BG064572.D RRF040 = BG064573.D RRF060 = BG064574.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Pyridine		1.630	1.608	1.552	1.669	1.733	1.584	6.8
2-Fluorophenol		1.098	1.207	1.155	1.292	1.318	1.192	7.1
Phenol-d6		1.469	1.654	1.566	1.771	1.864	1.635	8.6
1,4-Dichlorobenzene		1.431	1.546	1.442	1.534	1.561	1.460	6.2
2-Methylphenol		1.103	1.225	1.178	1.273	1.345	1.201	7.2
3+4-Methylphenols			1.652	1.581	1.818	1.895	1.688	8.0
Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.403	0.333	17.0
Hexachloroethane		0.468	0.535	0.505	0.541	0.557	0.512	6.4
Nitrobenzene		0.274	0.312	0.344	0.410	0.438	0.362	15.6
Hexachlorobutadiene		0.266	0.291	0.282	0.299	0.306	0.284	5.3
2,4,6-Trichlorophenol		0.294	0.333	0.375	0.423	0.456	0.384	14.4
2-Fluorobiphenyl		1.310	1.389	1.306	1.384	1.384	1.319	5.2
2,4,5-Trichlorophenol		0.339	0.425	0.439	0.484	0.517	0.443	12.5
2,4-Dinitrotoluene		0.223	0.269	0.300	0.385	0.434	0.340	22.7
2,4,6-Tribromophenol		0.221	0.266	0.272	0.318	0.346	0.289	14.0
Hexachlorobenzene		0.254	0.266	0.262	0.292	0.302	0.270	7.0
Pentachlorophenol			0.132	0.152	0.180	0.199	0.169	13.9
Terphenyl-d14		1.074	1.120	1.066	1.142	1.102	1.060	7.2

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.584	1.357		-14.3	
2-Fluorophenol	1.192	1.179		-1.1	
Phenol-d6	1.635	1.619		-1.0	
1,4-Dichlorobenzene	1.460	1.508		3.3	20.0
2-Methylphenol	1.201	1.202		0.1	
3+4-Methylphenols	1.688	1.601		-5.2	
Nitrobenzene-d5	0.333	0.403		21.0	
Hexachloroethane	0.512	0.537		4.9	
Nitrobenzene	0.362	0.421		16.3	
Hexachlorobutadiene	0.284	0.314		10.6	20.0
2,4,6-Trichlorophenol	0.384	0.447		16.4	20.0
2-Fluorobiphenyl	1.319	1.400		6.1	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
2,4-Dinitrotoluene	0.340	0.451		32.6	
2,4,6-Tribromophenol	0.289	0.342		18.3	
Hexachlorobenzene	0.270	0.299		10.7	
Pentachlorophenol	0.169	0.195		15.4	20.0
Terphenyl-d14	1.060	1.116		5.3	

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.584	1.298		-18.1	50.0
2-Fluorophenol	1.192	1.219		2.3	50.0
Phenol-d6	1.635	1.692		3.5	50.0
1,4-Dichlorobenzene	1.460	1.515		3.8	50.0
2-Methylphenol	1.201	1.233		2.7	50.0
3+4-Methylphenols	1.688	1.731		2.5	50.0
Nitrobenzene-d5	0.333	0.413		24.0	50.0
Hexachloroethane	0.512	0.554		8.2	50.0
Nitrobenzene	0.362	0.425		17.4	50.0
Hexachlorobutadiene	0.284	0.337		18.7	50.0
2,4,6-Trichlorophenol	0.384	0.469		22.1	50.0
2-Fluorobiphenyl	1.319	1.442		9.3	50.0
2,4,5-Trichlorophenol	0.443	0.507		14.4	50.0
2,4-Dinitrotoluene	0.340	0.486		42.9	50.0
2,4,6-Tribromophenol	0.289	0.386		33.6	50.0
Hexachlorobenzene	0.270	0.310		14.8	50.0
Pentachlorophenol	0.169	0.085		-49.7	50.0
Terphenyl-d14	1.060	1.087		2.5	50.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064677.D
Acq On : 3 Nov 2025 18:00
Operator : RC/JU
Sample : PB170172TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Quant Time: Nov 04 00:44:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

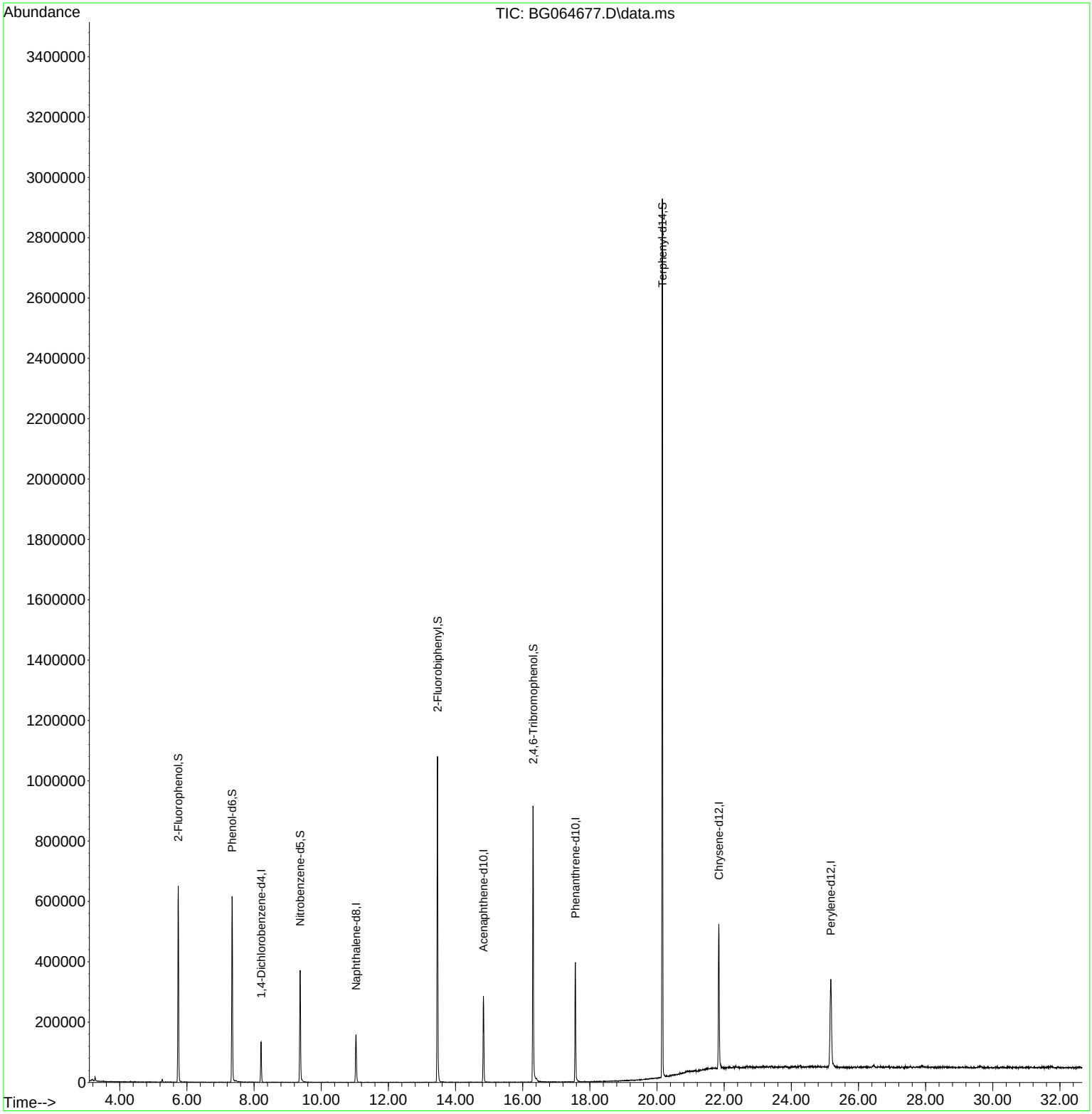
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	38354	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	143910	20.000	ng	-0.01
39) Acenaphthene-d10	14.832	164	111139	20.000	ng	-0.01
64) Phenanthrene-d10	17.570	188	282768	20.000	ng	-0.01
76) Chrysene-d12	21.842	240	350601	20.000	ng	-0.02
86) Perylene-d12	25.179	264	374940	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	254340	111.307	ng	0.00
7) Phenol-d6	7.347	99	324699	103.555	ng	0.00
23) Nitrobenzene-d5	9.374	82	213480	89.099	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	226003	140.893	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	606640	82.735	ng	-0.01
79) Terphenyl-d14	20.161	244	1512692	81.423	ng	-0.01
Target Compounds						Qvalue

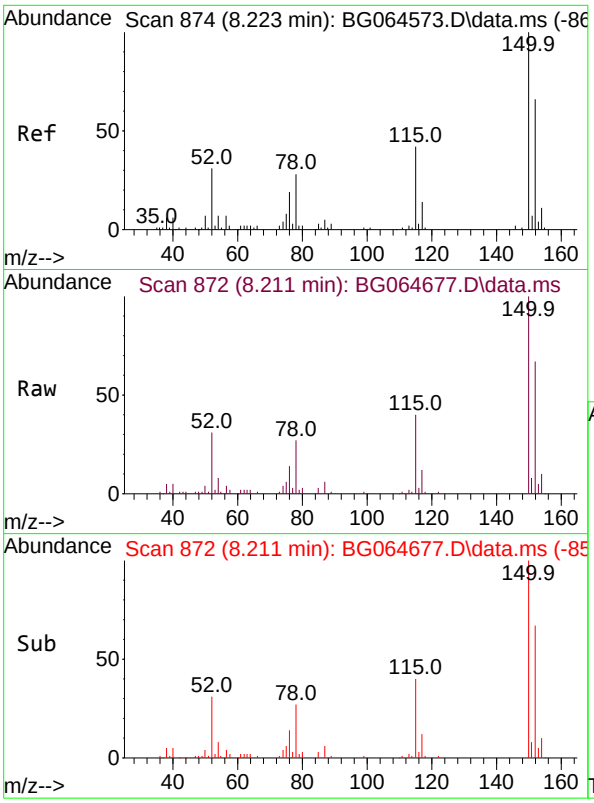
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064677.D
Acq On : 3 Nov 2025 18:00
Operator : RC/JU
Sample : PB170172TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Quant Time: Nov 04 00:44:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



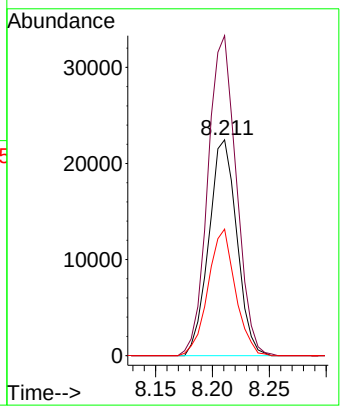


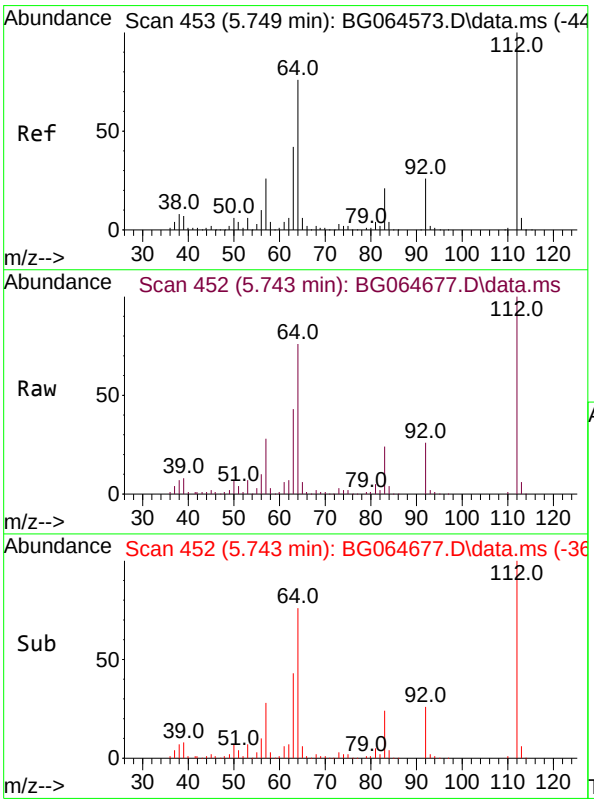
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Tgt Ion:152 Resp: 38354

Ion	Ratio	Lower	Upper
152	100		
150	148.3	122.2	183.4
115	58.6	50.8	76.2

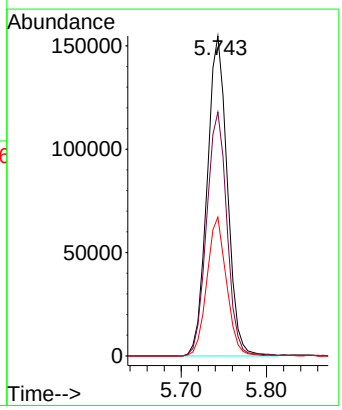


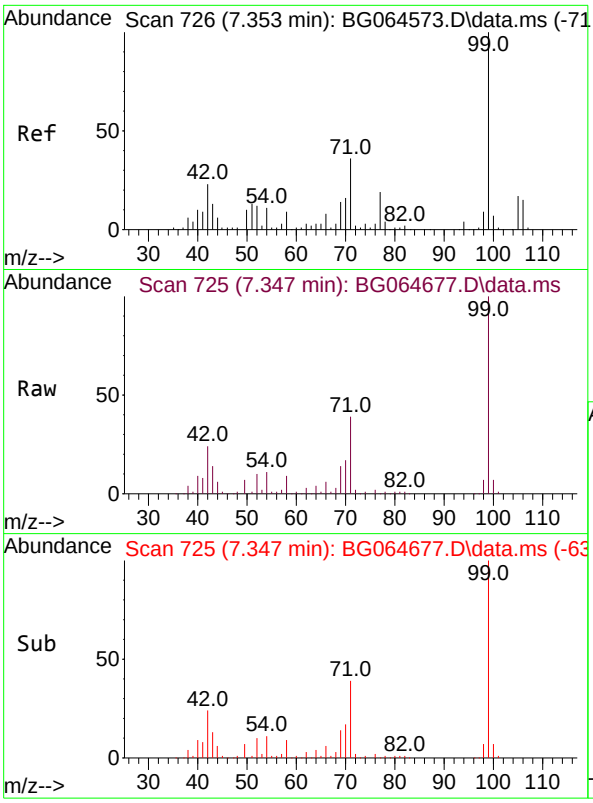


#5
2-Fluorophenol
Concen: 111.307 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.006 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:112 Resp: 254340

Ion	Ratio	Lower	Upper
112	100		
64	76.2	60.7	91.1
63	43.4	33.4	50.0



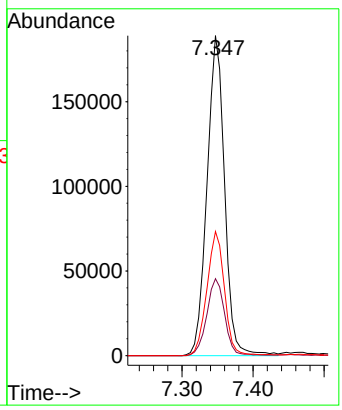


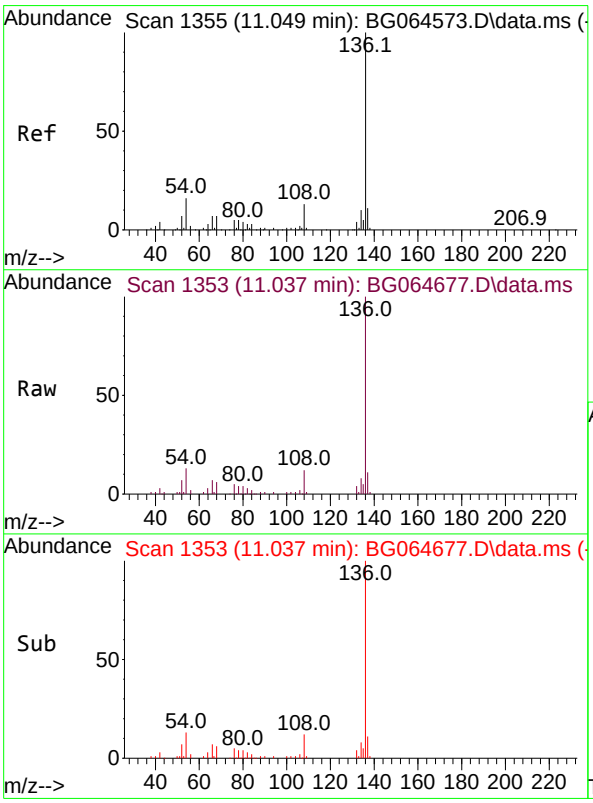
#7
Phenol-d6
Concen: 103.555 ng
RT: 7.347 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Tgt Ion: 99 Resp: 324699

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	38.8	28.6	43.0

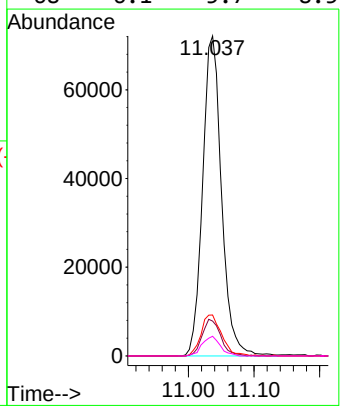


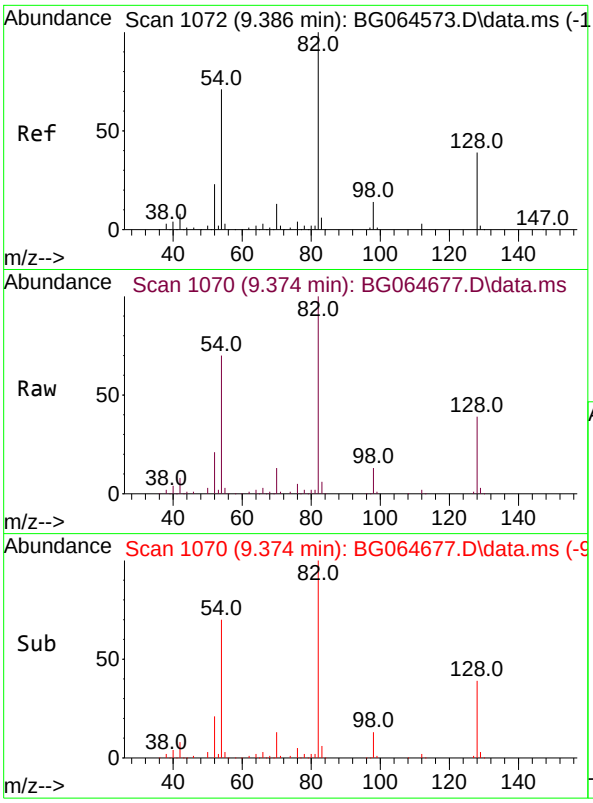


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:136 Resp: 143910

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	12.8	12.6	19.0
68	6.1	5.7	8.5



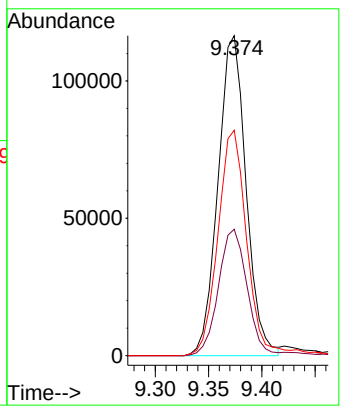


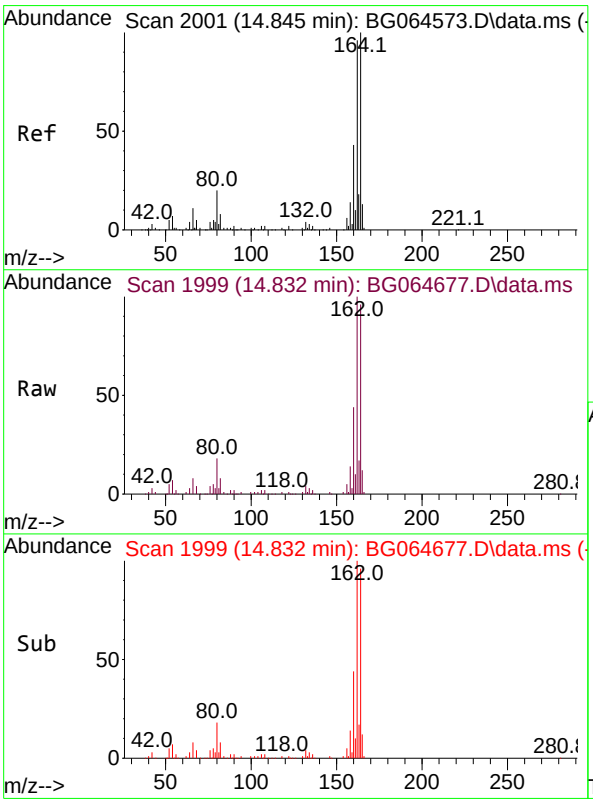
#23
Nitrobenzene-d5
Concen: 89.099 ng
RT: 9.374 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Tgt Ion: 82 Resp: 213480

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.3	46.9
54	70.4	56.6	84.8

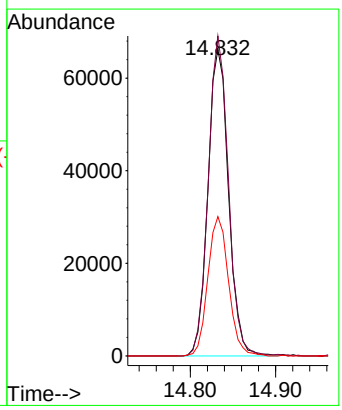


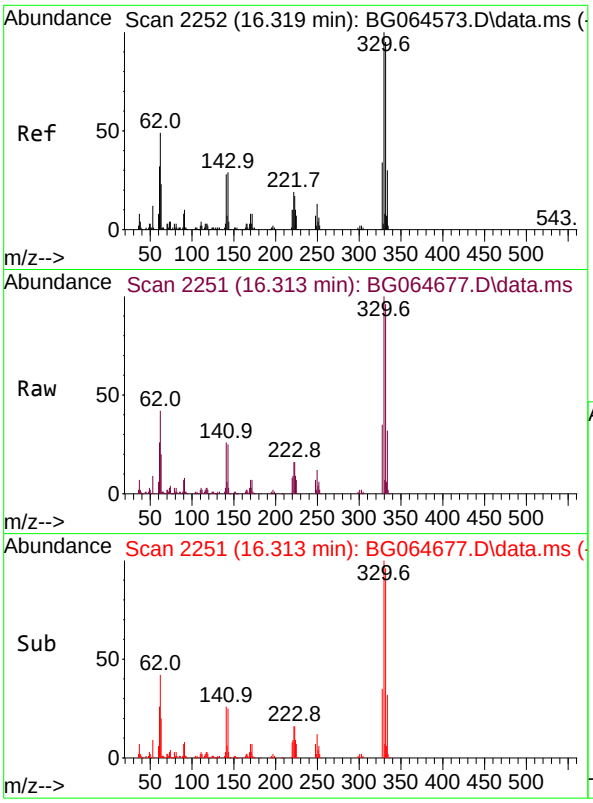


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:164 Resp: 111139

Ion	Ratio	Lower	Upper
164	100		
162	104.4	77.0	115.6
160	45.4	34.4	51.6



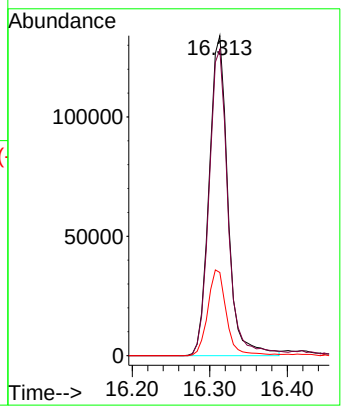


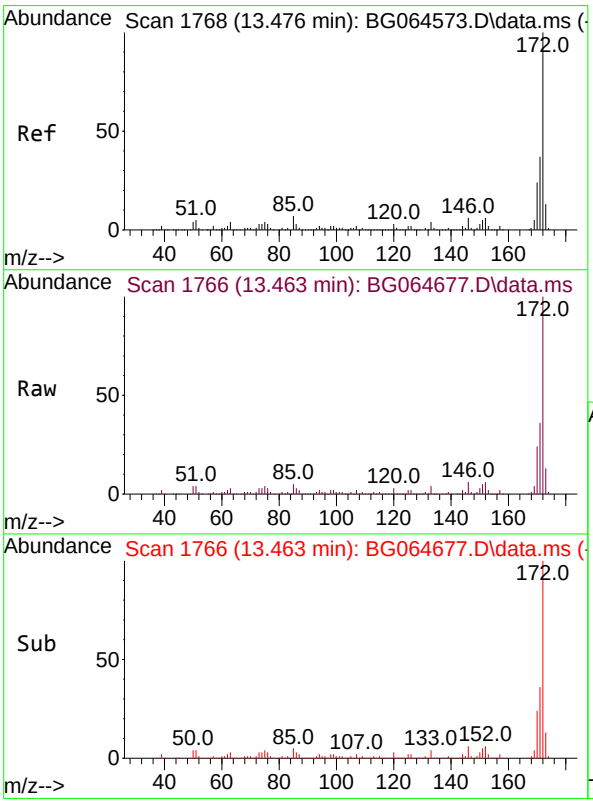
#42
2,4,6-Tribromophenol
Concen: 140.893 ng
RT: 16.313 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Tgt Ion:330 Resp: 226003

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	26.7	21.8	32.6

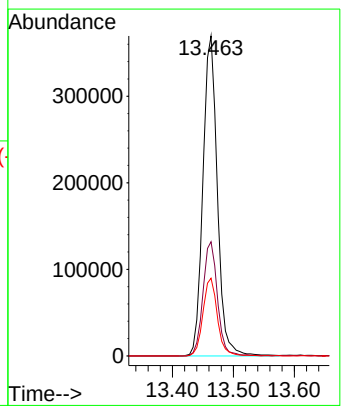


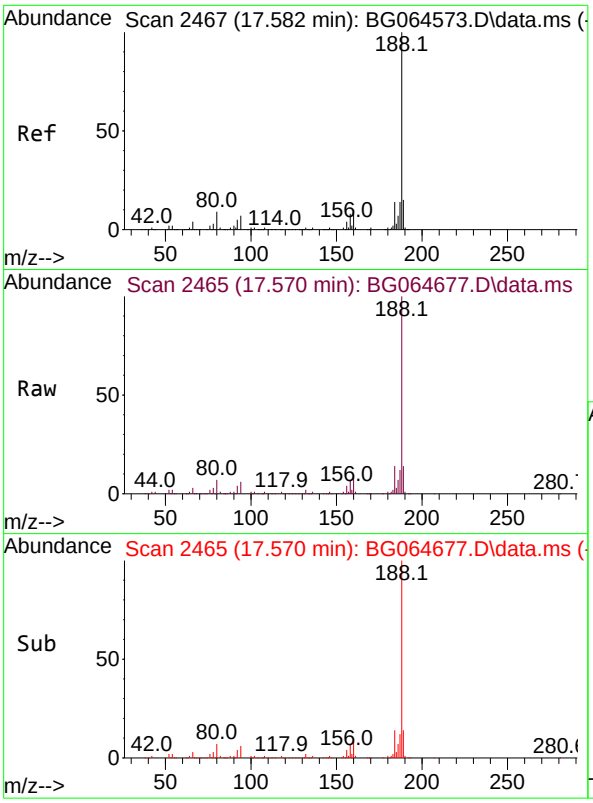


#45
2-Fluorobiphenyl
Concen: 82.735 ng
RT: 13.463 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:172 Resp: 606640

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.3	19.1	28.7



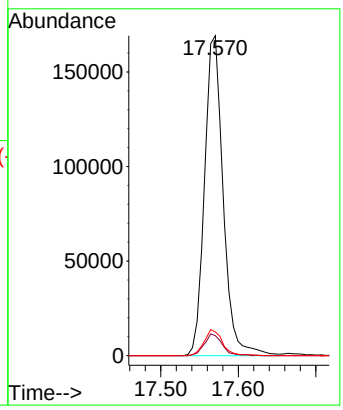


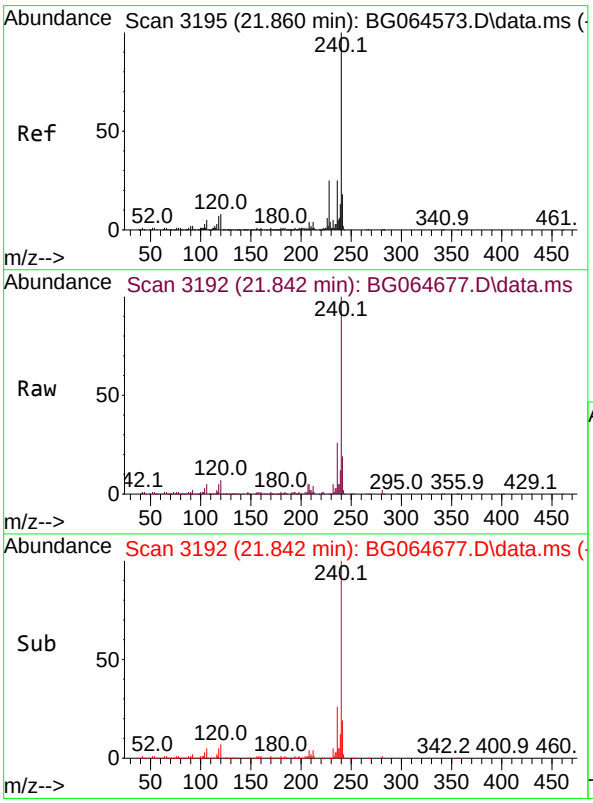
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.570 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Tgt Ion:188 Resp: 282768

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	7.4	6.8	10.2

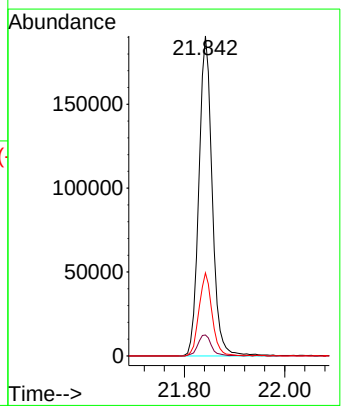


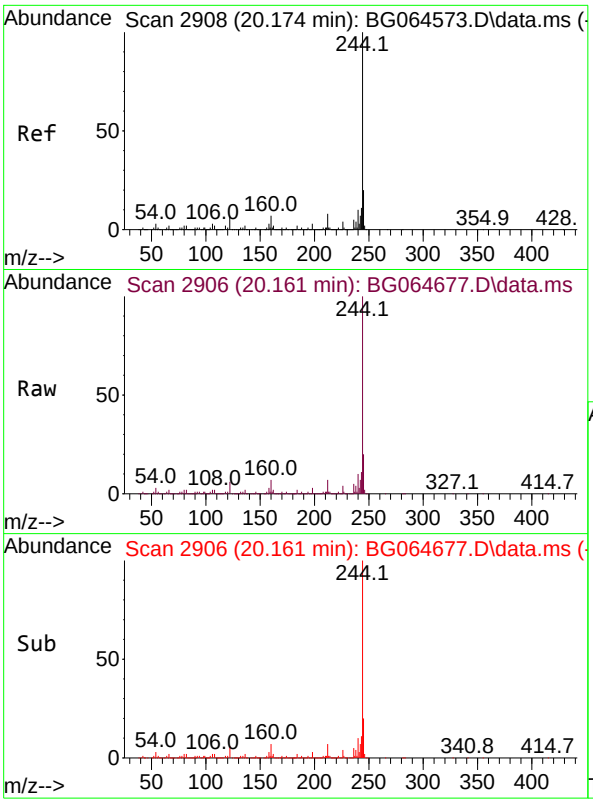


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.842 min Scan# 3192
Delta R.T. -0.018 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:240 Resp: 350601

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.5	9.7
236	25.9	20.2	30.2



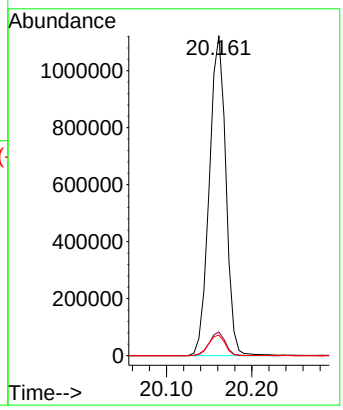


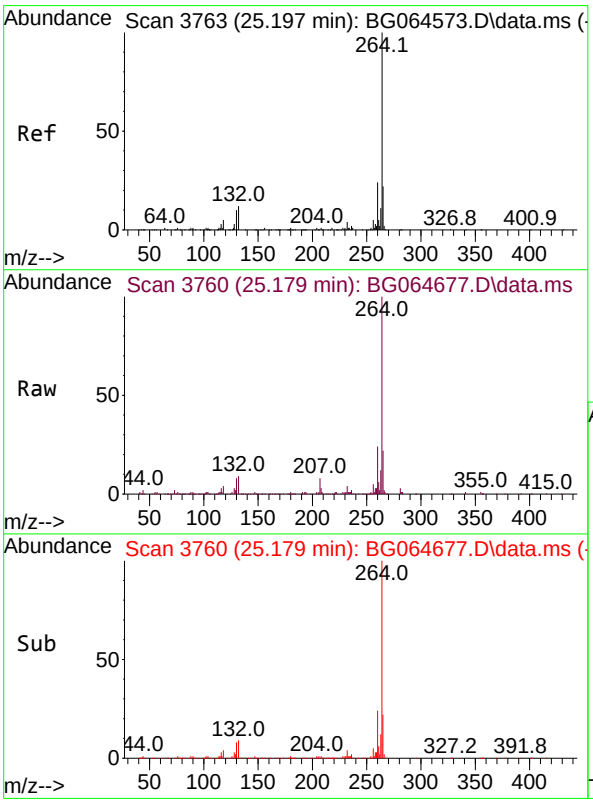
#79
Terphenyl-d14
Concen: 81.423 ng
RT: 20.161 min Scan# 29
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Instrument :
BNA_G
ClientSampleId :
PB170172TB

Tgt Ion:244 Resp: 1512692

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.4	5.6	8.4

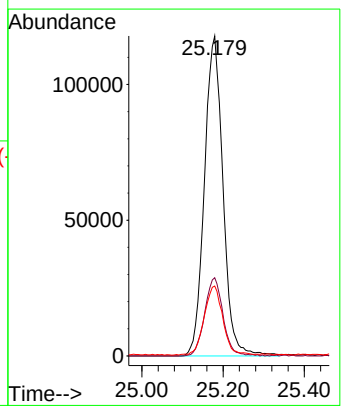




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.179 min Scan# 3760
Delta R.T. -0.018 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:264 Resp: 374940

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.8	17.6	26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064678.D
Acq On : 3 Nov 2025 18:41
Operator : RC/JU
Sample : Q3399-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 01:03:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

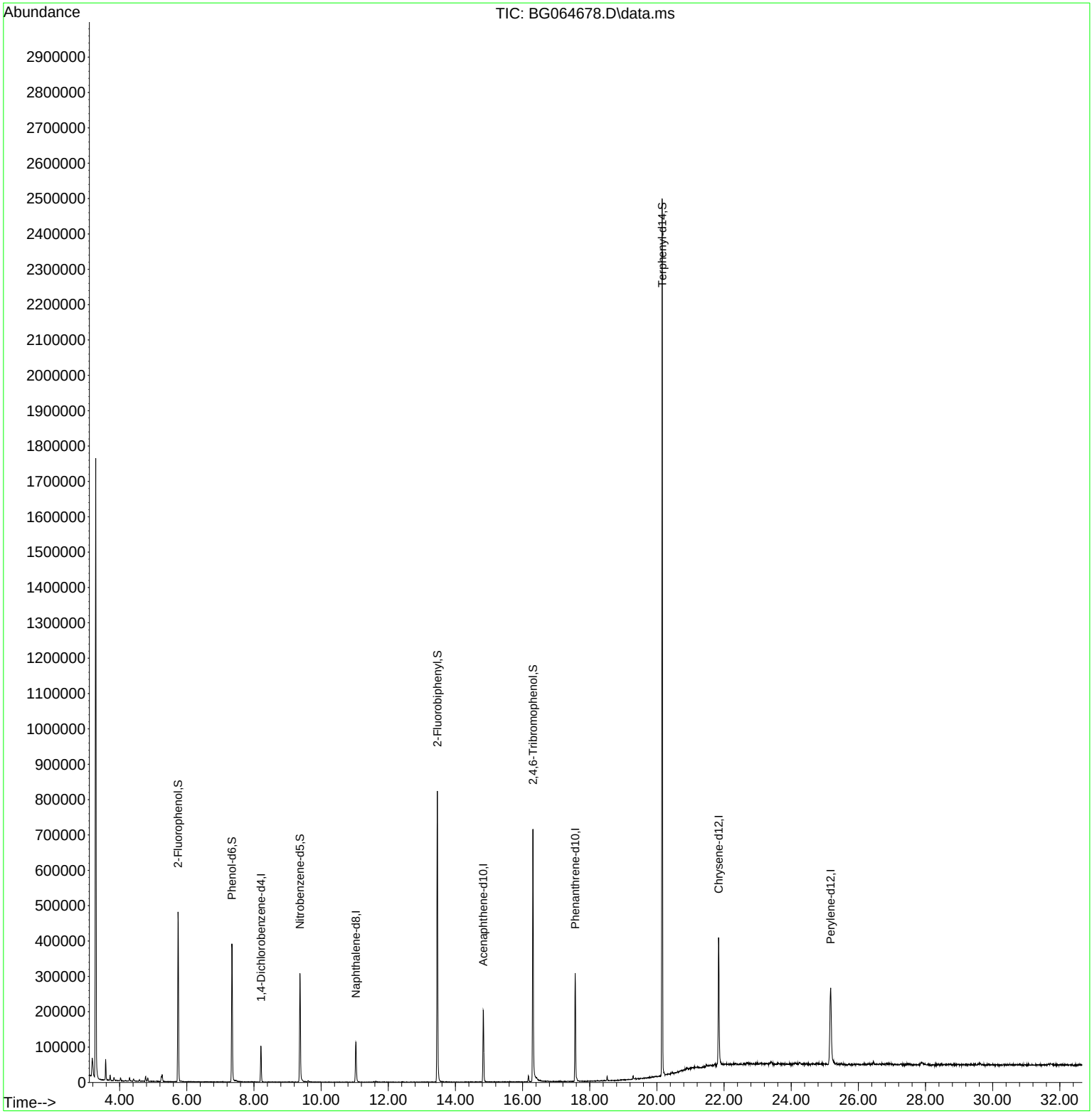
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.207	152	28350	20.000	ng	-0.02
21) Naphthalene-d8	11.033	136	106669	20.000	ng	#-0.02
39) Acenaphthene-d10	14.829	164	82537	20.000	ng	-0.02
64) Phenanthrene-d10	17.567	188	212744	20.000	ng	-0.02
76) Chrysene-d12	21.838	240	266419	20.000	ng	-0.02
86) Perylene-d12	25.176	264	284835	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	191595	113.436	ng	0.00
7) Phenol-d6	7.343	99	216228	93.295	ng	0.00
23) Nitrobenzene-d5	9.370	82	179538	101.093	ng	-0.02
42) 2,4,6-Tribromophenol	16.309	330	170642	143.245	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	474184	87.081	ng	-0.02
79) Terphenyl-d14	20.158	244	1259215	89.196	ng	-0.02
Target Compounds						Qvalue

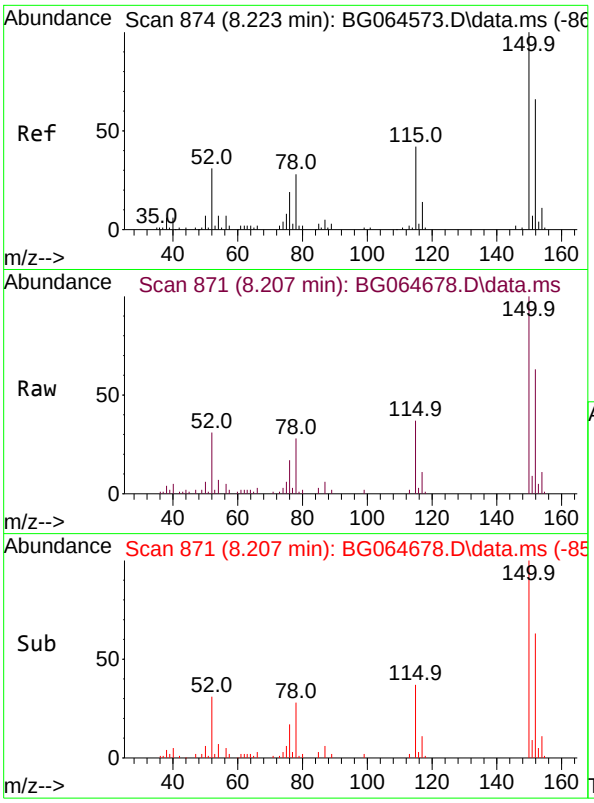
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064678.D
Acq On : 3 Nov 2025 18:41
Operator : RC/JU
Sample : Q3399-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 01:03:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



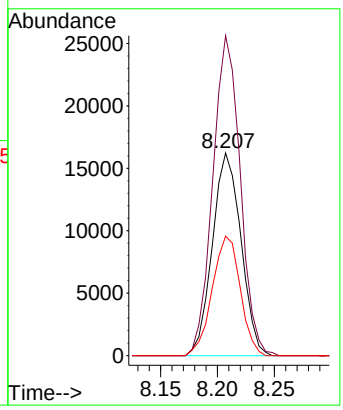


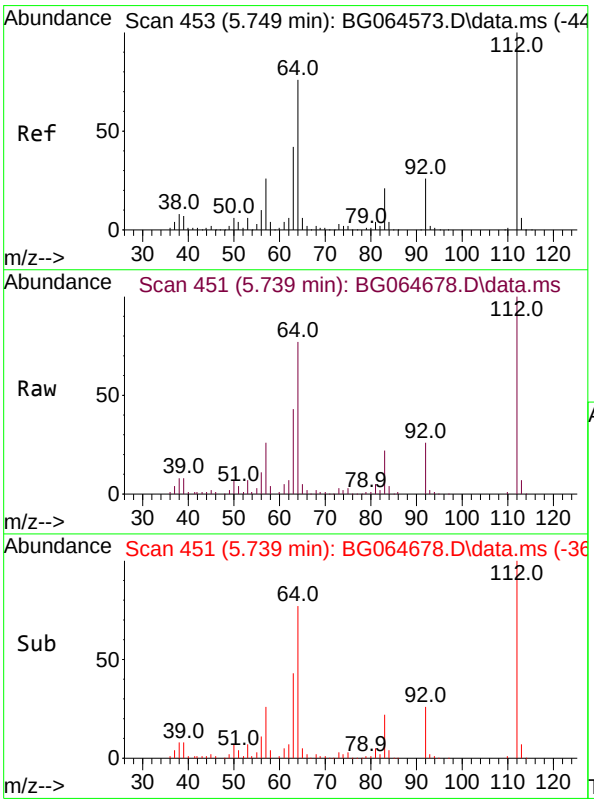
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 8
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:152 Resp: 28350

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.2	183.4
115	58.9	50.8	76.2

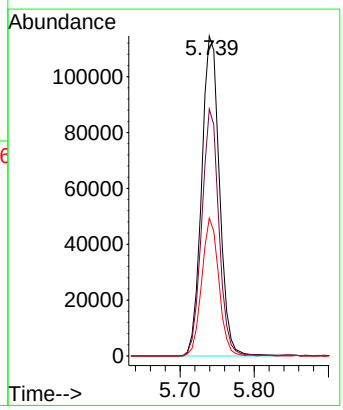


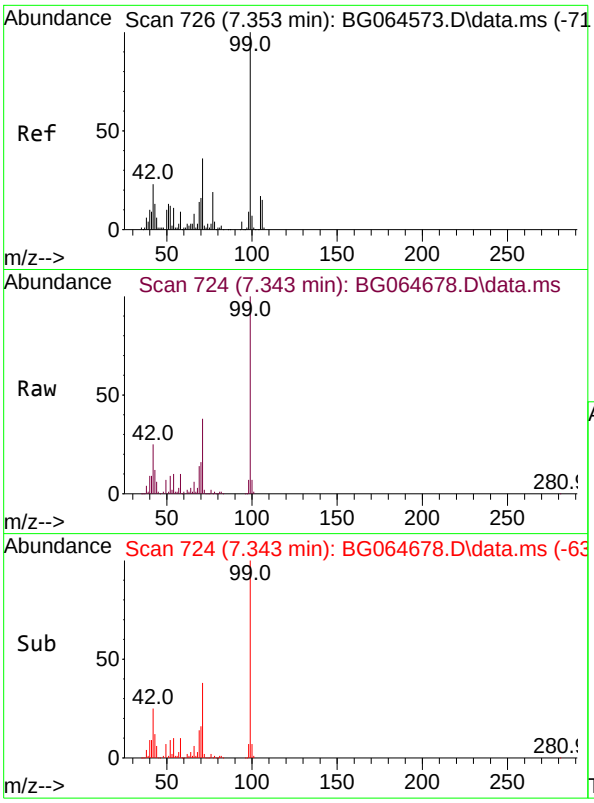


#5
2-Fluorophenol
Concen: 113.436 ng
RT: 5.739 min Scan# 451
Delta R.T. -0.010 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:112 Resp: 191595

Ion	Ratio	Lower	Upper
112	100		
64	77.1	60.7	91.1
63	43.1	33.4	50.0



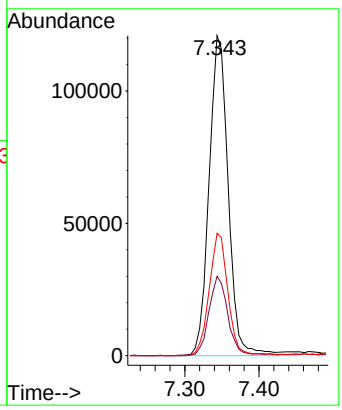


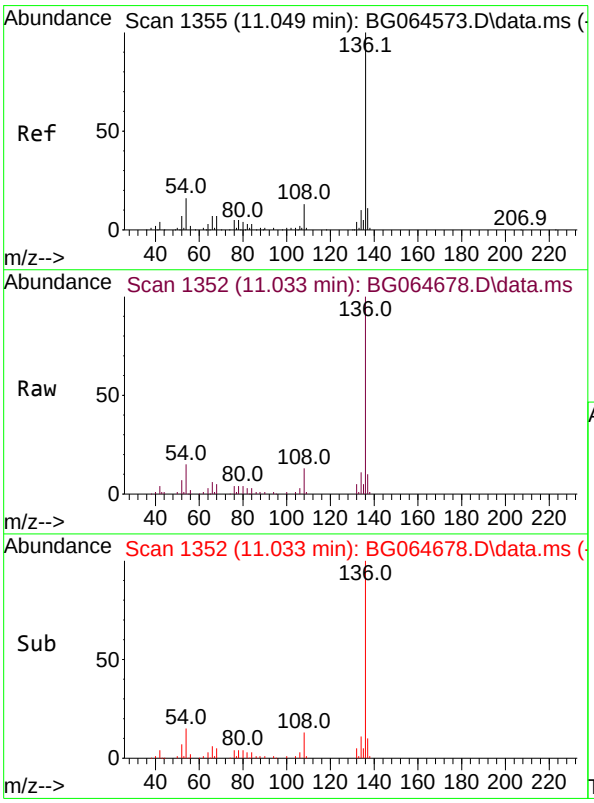
#7
Phenol-d6
Concen: 93.295 ng
RT: 7.343 min Scan# 7
Delta R.T. -0.010 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 99 Resp: 216228

Ion	Ratio	Lower	Upper
99	100		
42	24.8	18.3	27.5
71	38.2	28.6	43.0

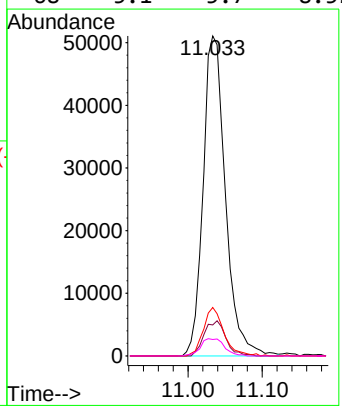


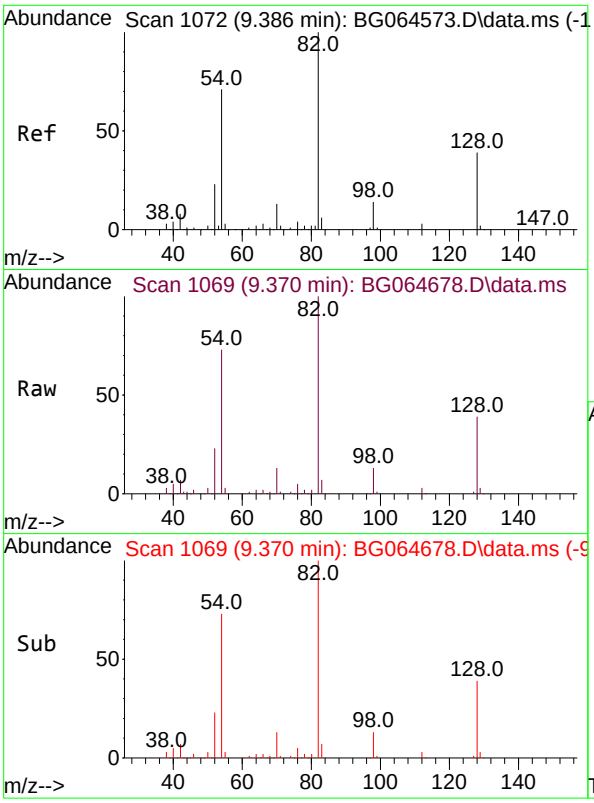


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.033 min Scan# 1352
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:136 Resp: 106669

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	15.1	12.6	19.0
68	5.1	5.7	8.5#



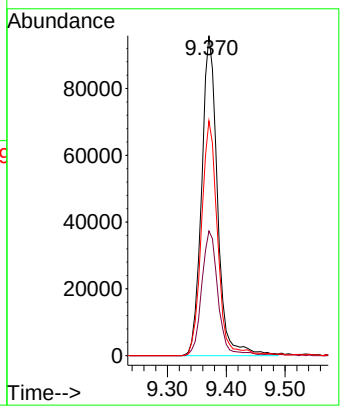


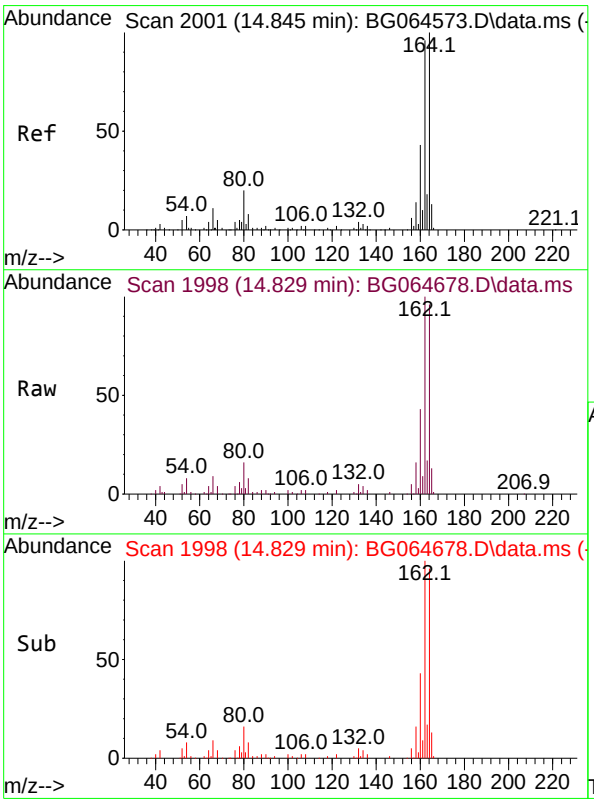
#23
Nitrobenzene-d5
Concen: 101.093 ng
RT: 9.370 min Scan# 10
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 82 Resp: 179538

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.3	46.9
54	73.4	56.6	84.8

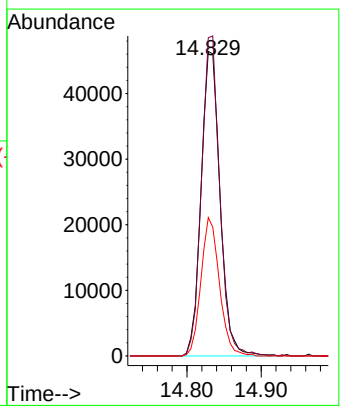


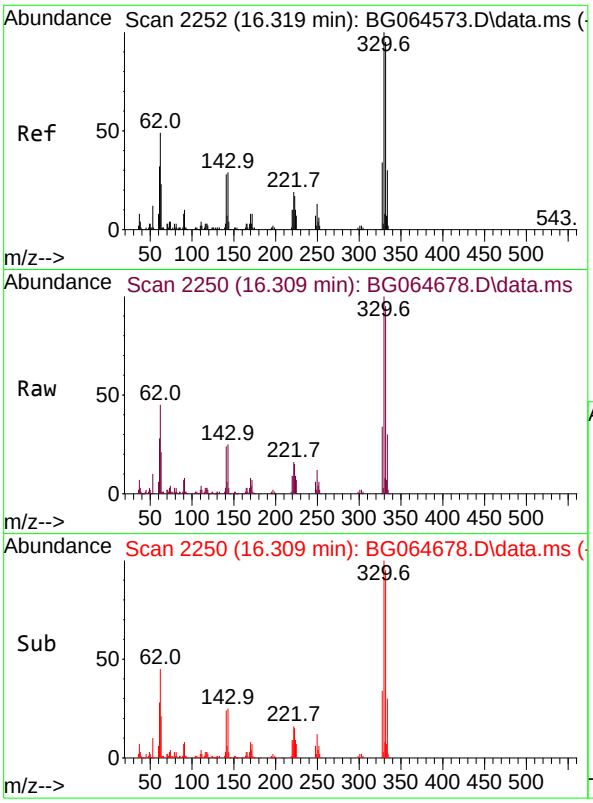


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.829 min Scan# 1998
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:164 Resp: 82537

Ion	Ratio	Lower	Upper
164	100		
162	104.5	77.0	115.6
160	45.4	34.4	51.6



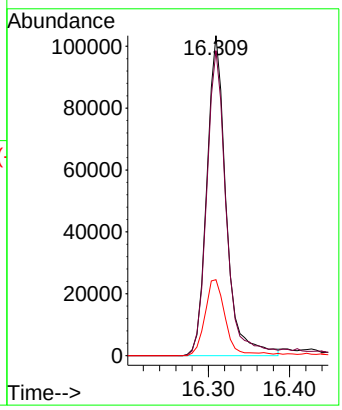


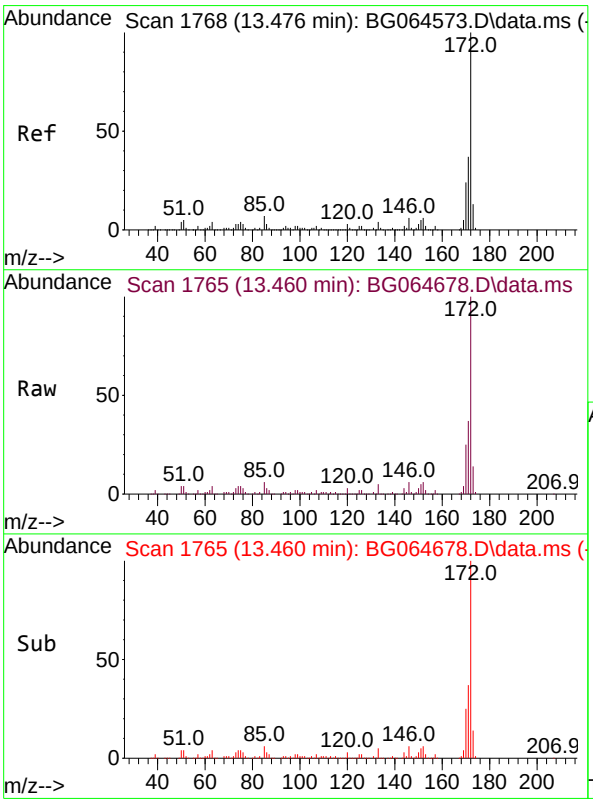
#42
2,4,6-Tribromophenol
Concen: 143.245 ng
RT: 16.309 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:330 Resp: 170642

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	25.7	21.8	32.6

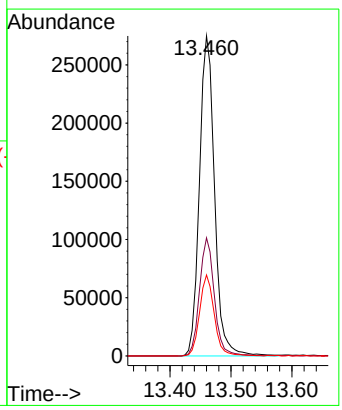


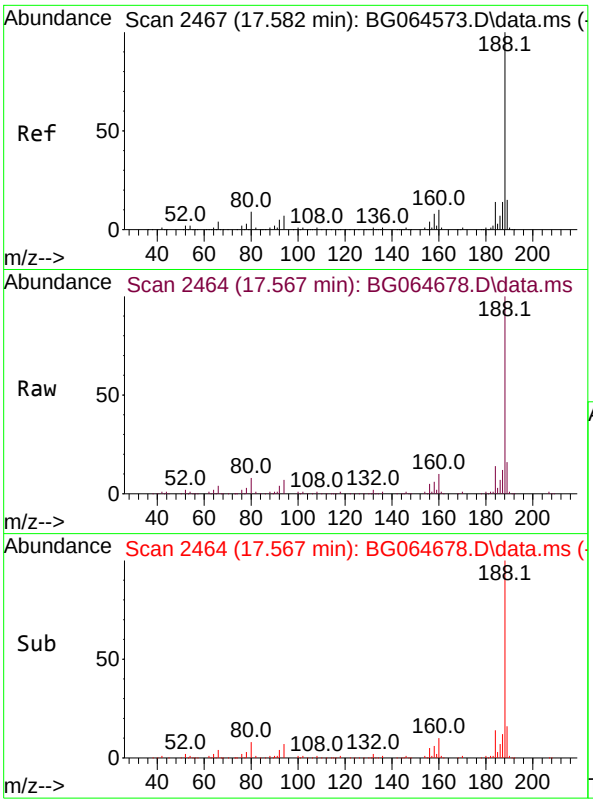


#45
2-Fluorobiphenyl
Concen: 87.081 ng
RT: 13.460 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:172 Resp: 474184

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.3	19.1	28.7



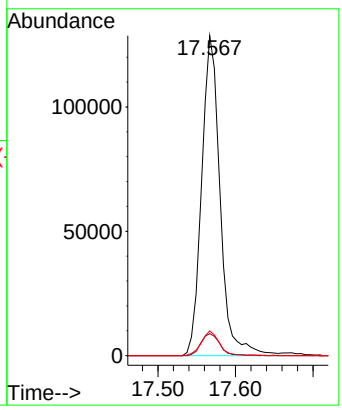


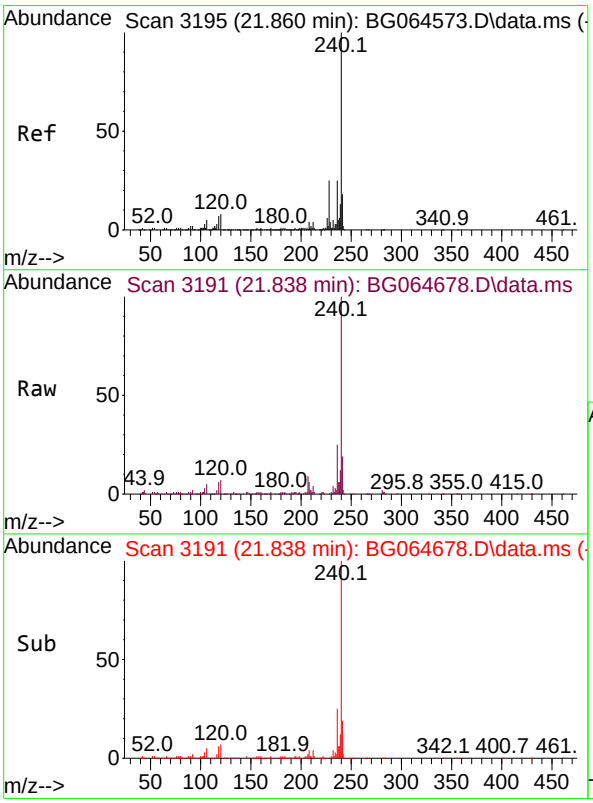
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.567 min Scan# 24
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:188 Resp: 212744

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.7	6.8	10.2

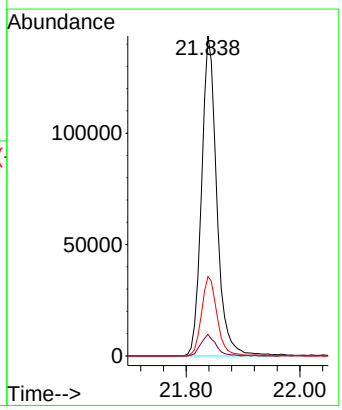


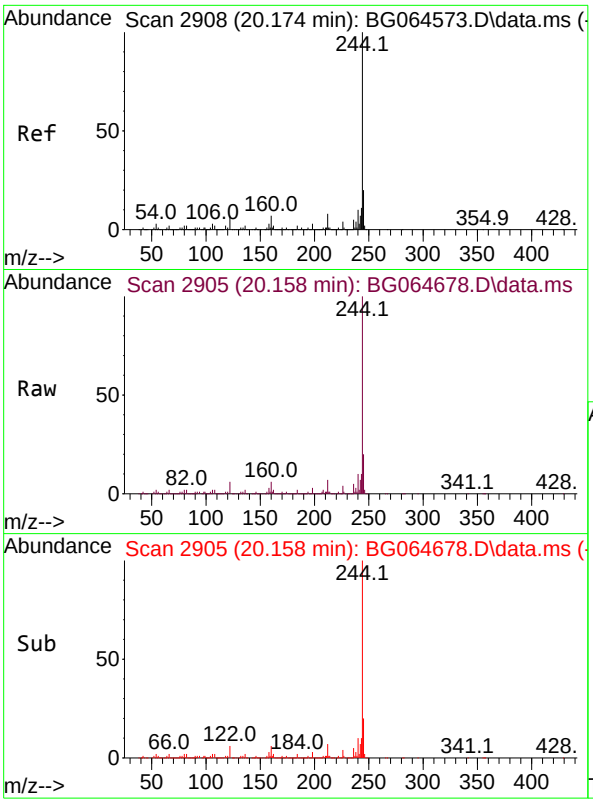


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.838 min Scan# 3191
Delta R.T. -0.022 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:240 Resp: 266419

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.5	9.7
236	24.8	20.2	30.2



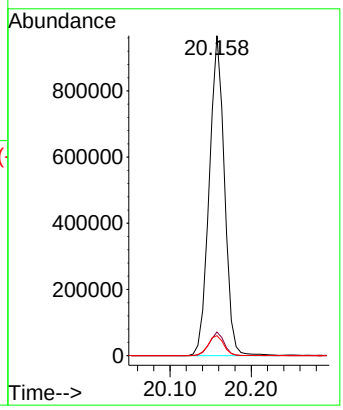


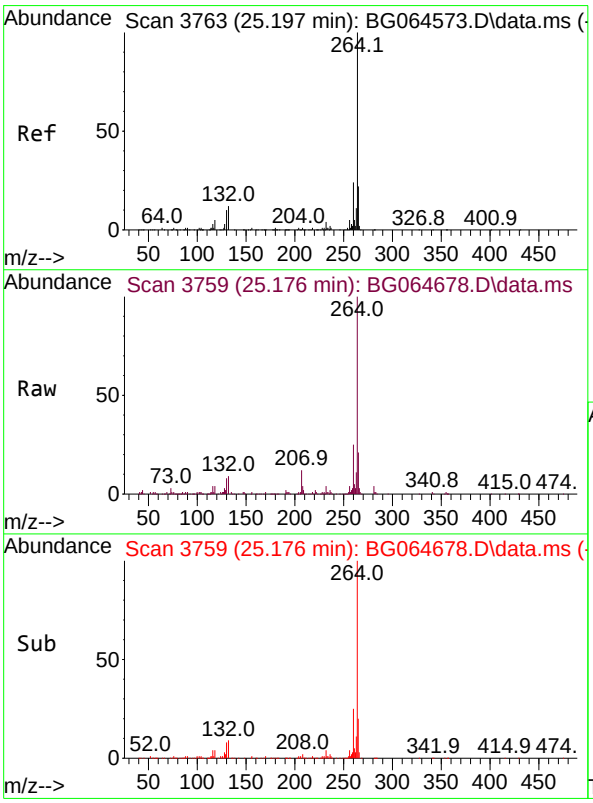
#79
Terphenyl-d14
Concen: 89.196 ng
RT: 20.158 min Scan# 29
Delta R.T. -0.016 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Tgt Ion:244 Resp: 1259215

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.2	5.6	8.4

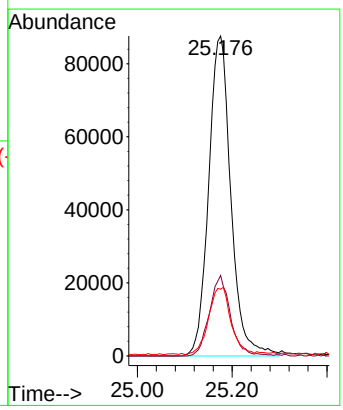




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.176 min Scan# 3759
Delta R.T. -0.022 min
Lab File: BG064678.D
Acq: 3 Nov 2025 18:41

Tgt Ion:264 Resp: 284835

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	20.8	17.6	26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064675.D
Acq On : 3 Nov 2025 16:38
Operator : RC/JU
Sample : PB170216BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Quant Time: Nov 04 00:43:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

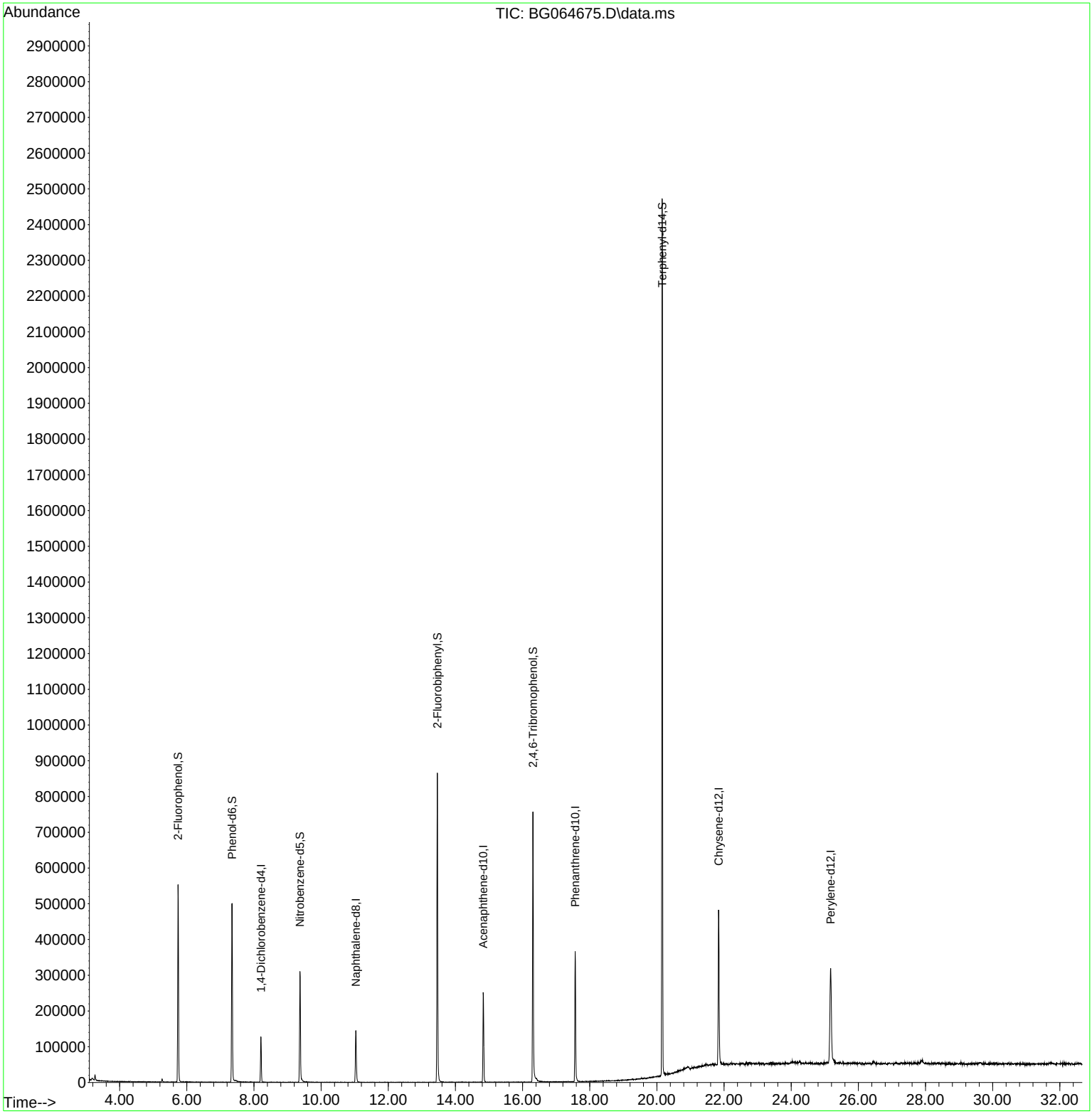
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	35344	20.000	ng	-0.01
21) Naphthalene-d8	11.034	136	128956	20.000	ng	-0.01
39) Acenaphthene-d10	14.830	164	100482	20.000	ng	-0.01
64) Phenanthrene-d10	17.568	188	255711	20.000	ng	-0.01
76) Chrysene-d12	21.839	240	322524	20.000	ng	-0.02
86) Perylene-d12	25.177	264	339110	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	218909	103.960	ng	0.00
7) Phenol-d6	7.350	99	275625	95.390	ng	0.00
23) Nitrobenzene-d5	9.371	82	179125	83.429	ng	-0.01
42) 2,4,6-Tribromophenol	16.310	330	182166	125.609	ng	0.00
45) 2-Fluorobiphenyl	13.461	172	491308	74.113	ng	-0.01
79) Terphenyl-d14	20.159	244	1297795	75.937	ng	-0.01
Target Compounds						Qvalue

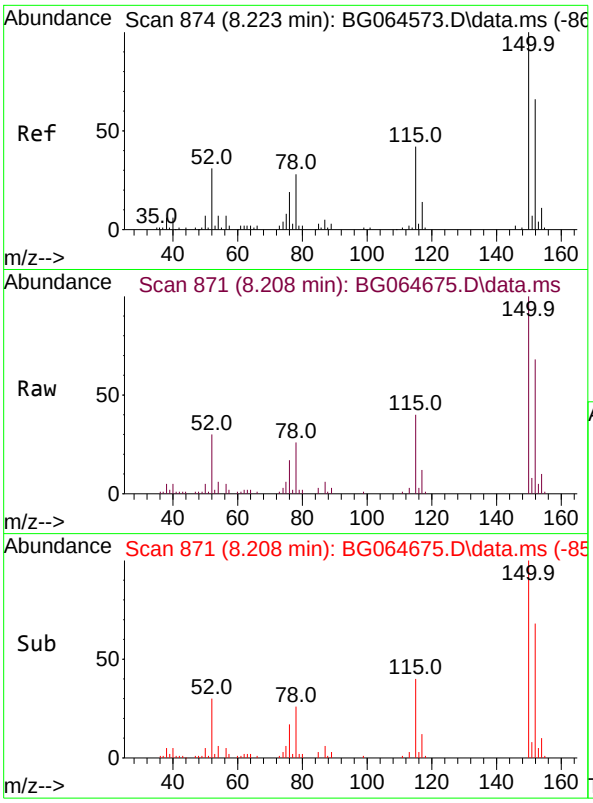
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064675.D
Acq On : 3 Nov 2025 16:38
Operator : RC/JU
Sample : PB170216BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Quant Time: Nov 04 00:43:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



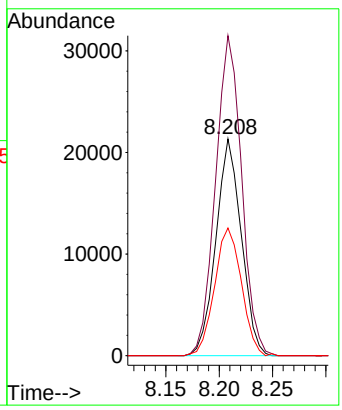


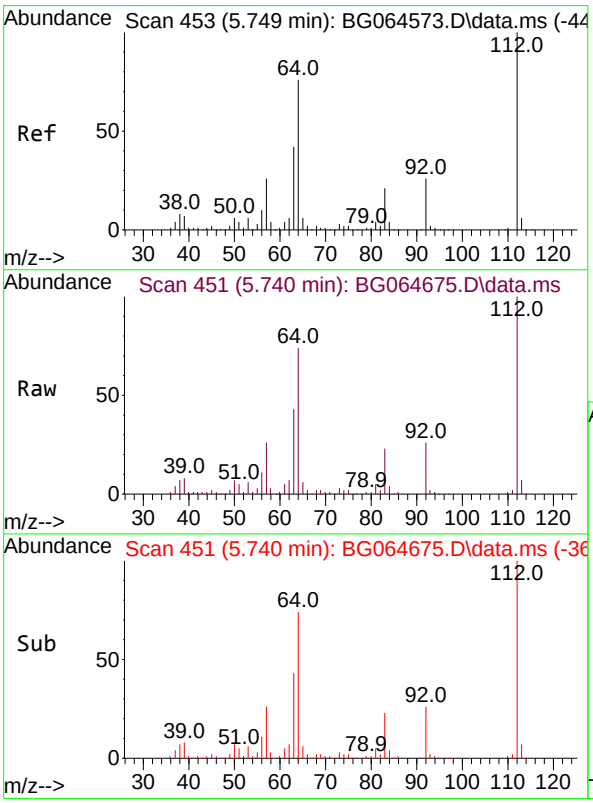
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Tgt Ion:152 Resp: 35344

Ion	Ratio	Lower	Upper
152	100		
150	147.7	122.2	183.4
115	58.9	50.8	76.2

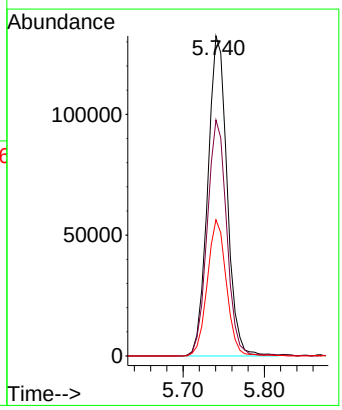


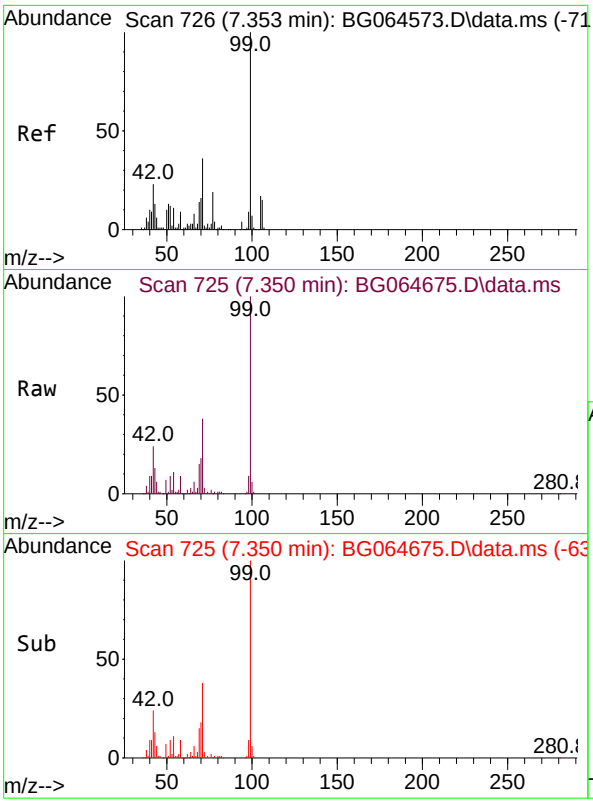


#5
2-Fluorophenol
Concen: 103.960 ng
RT: 5.740 min Scan# 451
Delta R.T. -0.009 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:112 Resp: 218909

Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.7	91.1
63	42.5	33.4	50.0



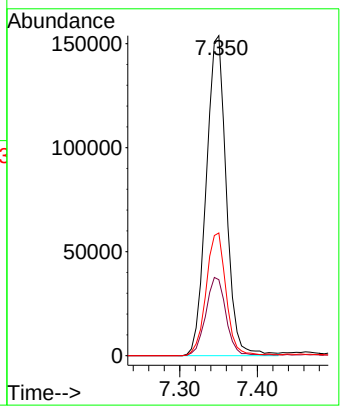


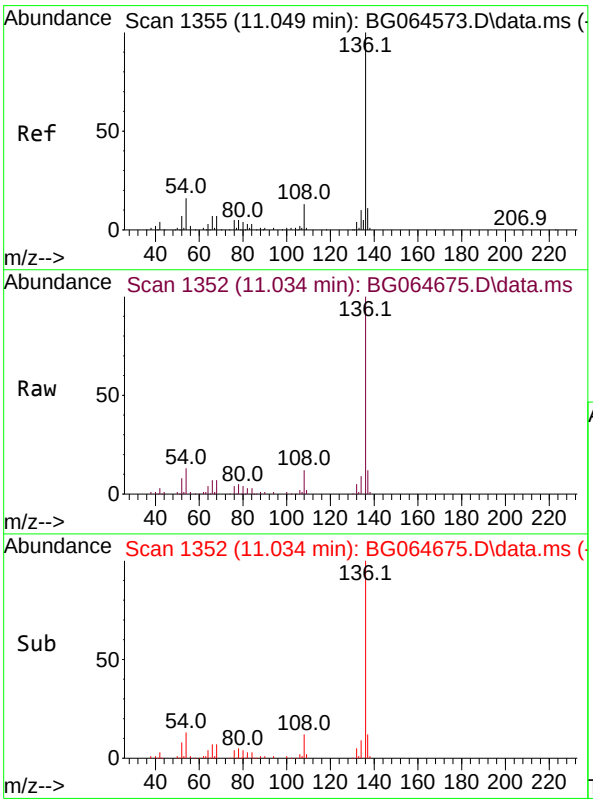
#7
Phenol-d6
Concen: 95.390 ng
RT: 7.350 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Tgt Ion: 99 Resp: 275625

Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.3	27.5
71	38.3	28.6	43.0

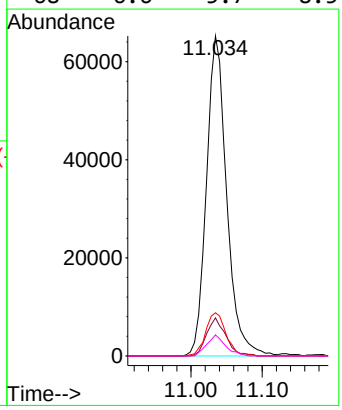


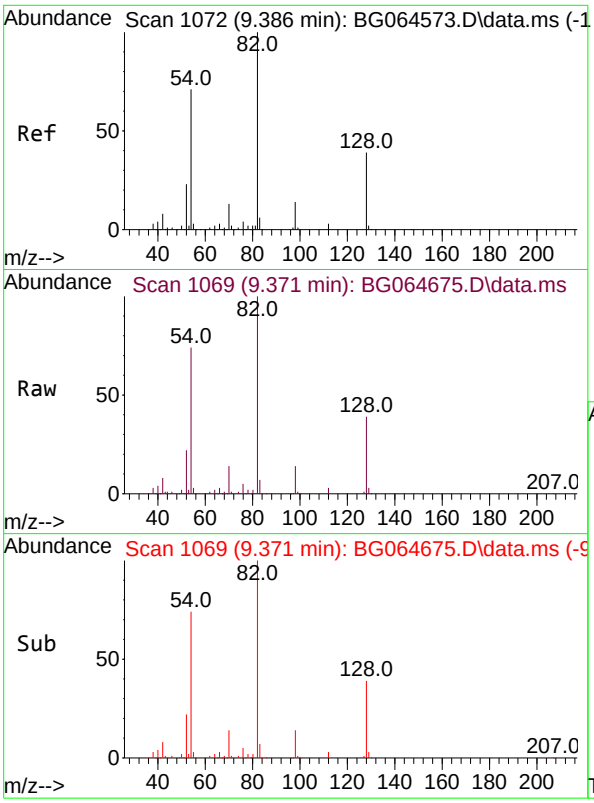


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 1352
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:136 Resp: 128956

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	13.5	12.6	19.0
68	6.6	5.7	8.5



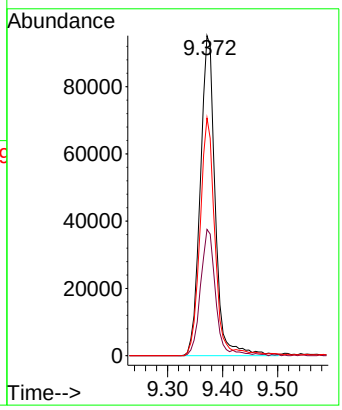


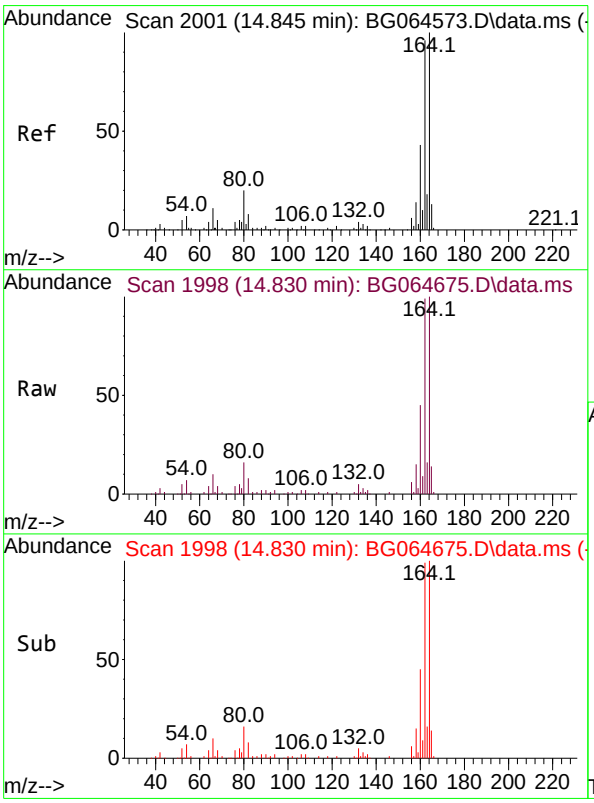
#23
Nitrobenzene-d5
Concen: 83.429 ng
RT: 9.371 min Scan# 10
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Tgt Ion: 82 Resp: 179125

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	74.3	56.6	84.8

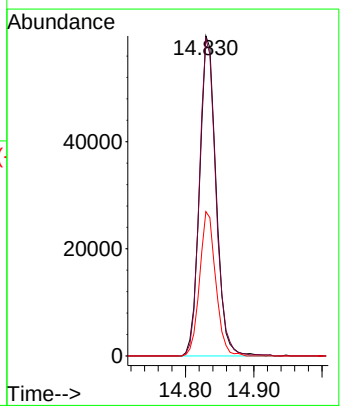


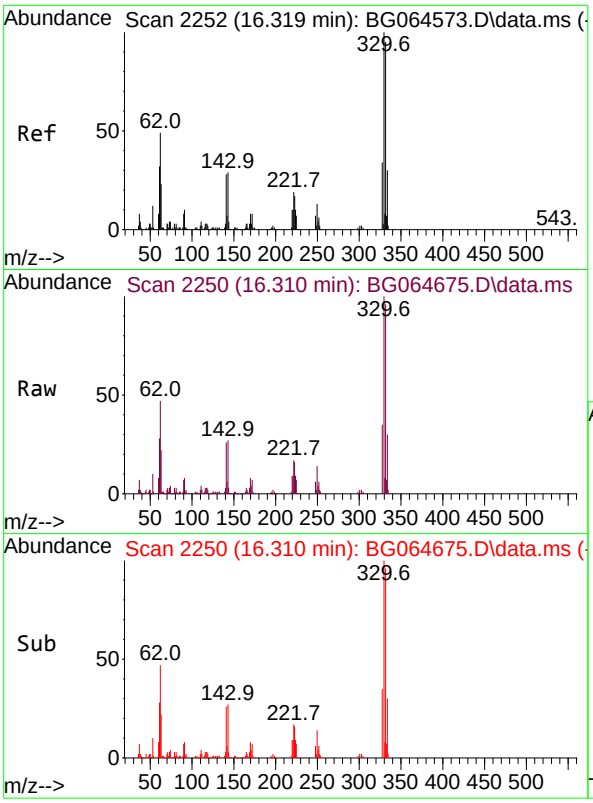


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:164 Resp: 100482

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.0	115.6
160	45.1	34.4	51.6



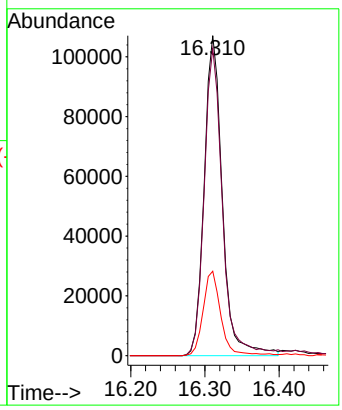


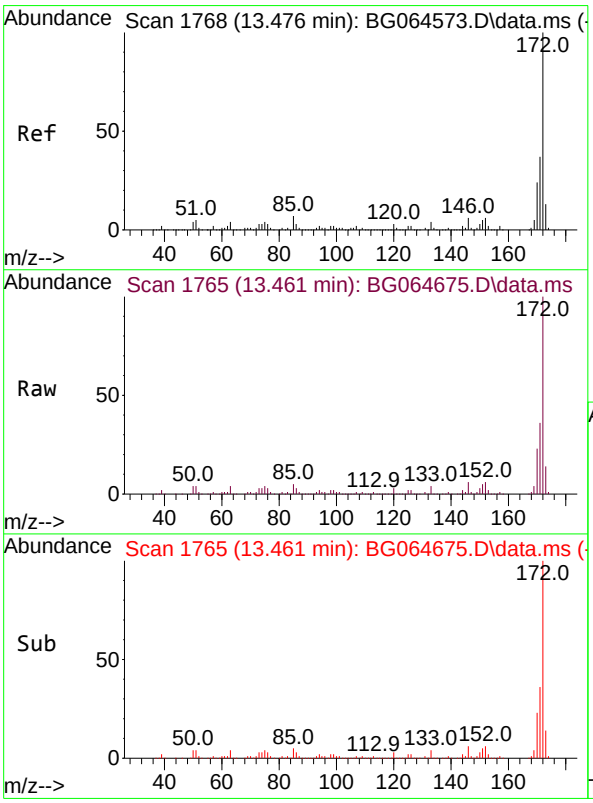
#42
2,4,6-Tribromophenol
Concen: 125.609 ng
RT: 16.310 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Tgt Ion:330 Resp: 182166

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	25.8	21.8	32.6

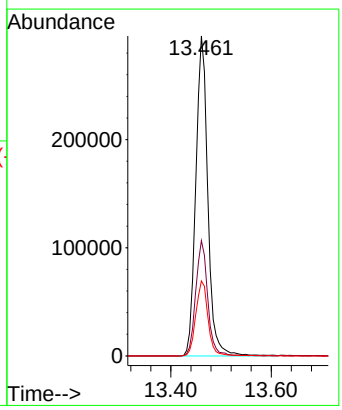


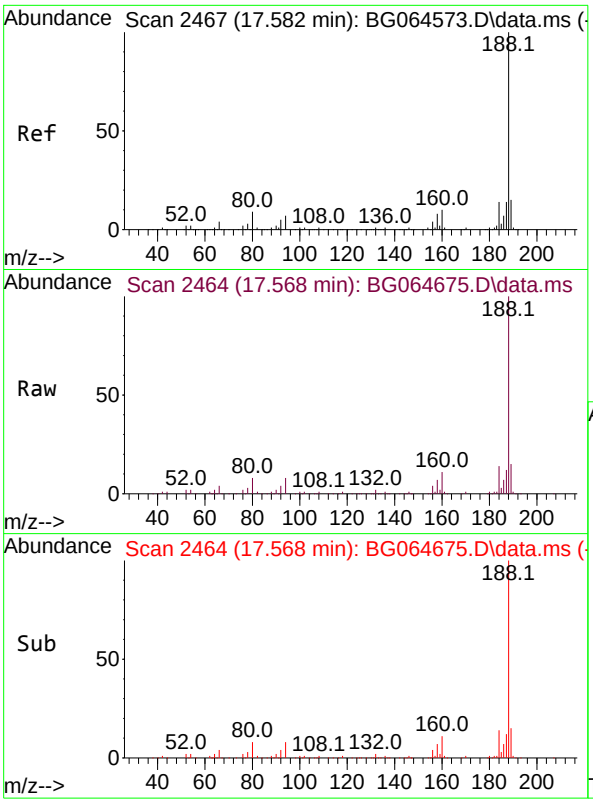


#45
2-Fluorobiphenyl
Concen: 74.113 ng
RT: 13.461 min Scan# 1765
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:172 Resp: 491308

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.4	19.1	28.7



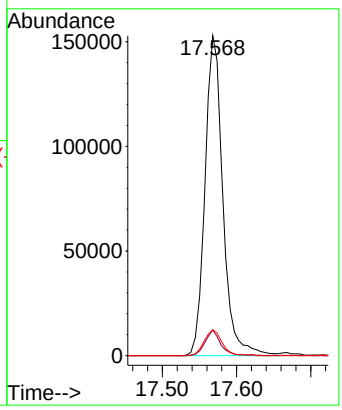


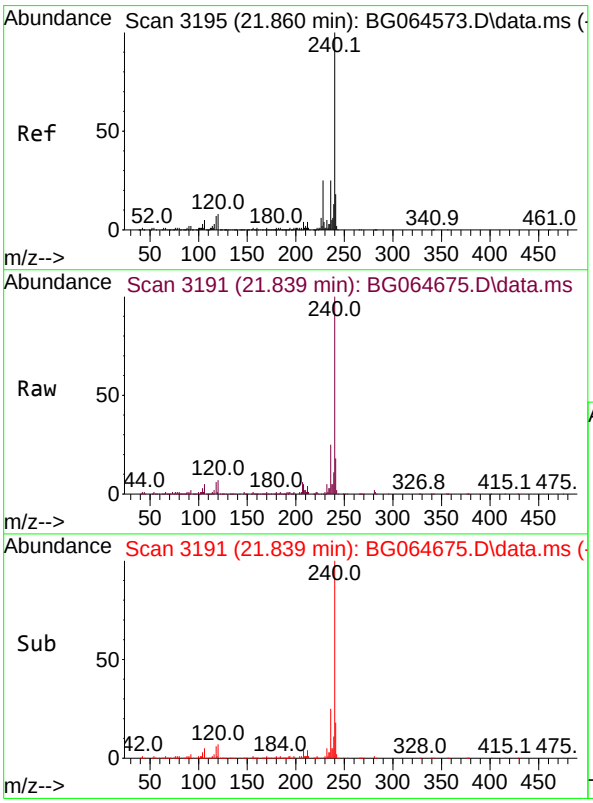
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Tgt Ion:188 Resp: 255711

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.7	8.5
80	8.1	6.8	10.2

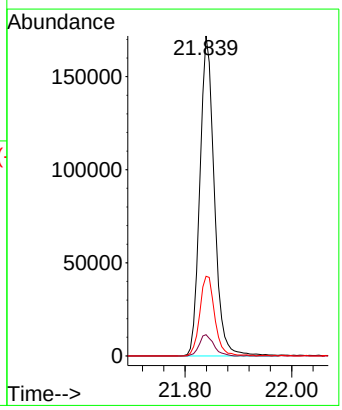


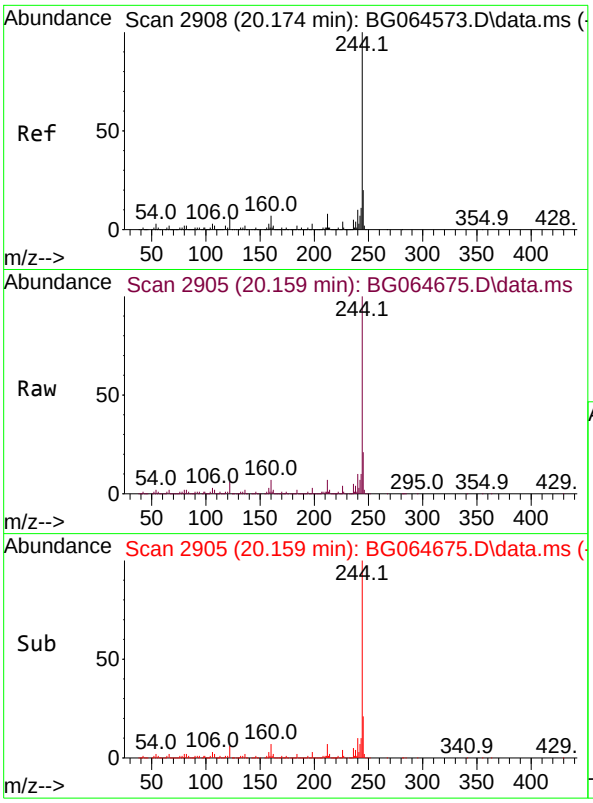


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.839 min Scan# 3191
Delta R.T. -0.021 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:240 Resp: 322524

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.5	9.7
236	24.9	20.2	30.2



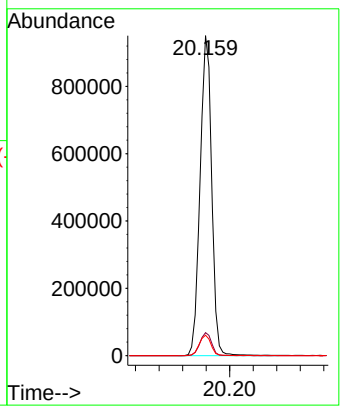


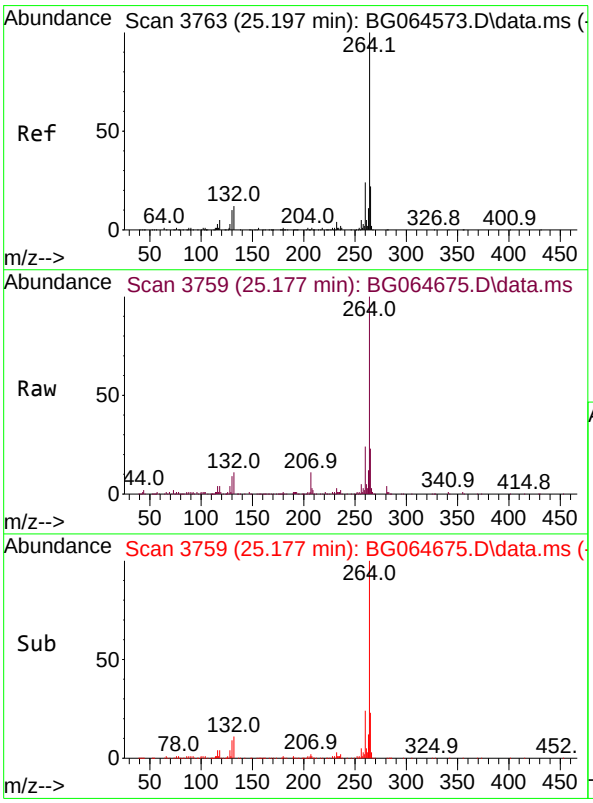
#79
Terphenyl-d14
Concen: 75.937 ng
RT: 20.159 min Scan# 29
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

Tgt Ion:244 Resp: 1297795

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.4	5.6	8.4

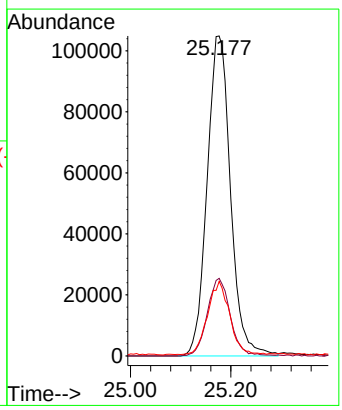




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.177 min Scan# 3759
Delta R.T. -0.021 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:264 Resp: 339110

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	23.3	17.6	26.4



Sample Results: **BG064676.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064676.D
Acq On : 3 Nov 2025 17:19
Operator : RC/JU
Sample : PB170216BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:43:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170216BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.208	152	36665	20.000	ng		-0.02
21) Naphthalene-d8	11.034	136	145545	20.000	ng		-0.02
39) Acenaphthene-d10	14.835	164	116501	20.000	ng		0.00
64) Phenanthrene-d10	17.573	188	291857	20.000	ng		0.00
76) Chrysene-d12	21.845	240	341711	20.000	ng		-0.02
86) Perylene-d12	25.182	264	361251	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.740	112	252380	115.538	ng		0.00
7) Phenol-d6	7.350	99	364958	121.756	ng		0.00
23) Nitrobenzene-d5	9.377	82	224926	92.821	ng		0.00
42) 2,4,6-Tribromophenol	16.316	330	252401	150.108	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	622088	80.937	ng		-0.02
79) Terphenyl-d14	20.158	244	1500788	82.884	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.572	88	26074	26.961	ng		96
3) Pyridine	3.983	79	75607	26.034	ng		98
4) n-Nitrosodimethylamine	3.889	42	55437	35.595	ng		91
6) Aniline	7.520	93	133950	32.841	ng		98
8) 2-Chlorophenol	7.767	128	106934	46.770	ng		96
9) Benzaldehyde	7.332	77	51257	31.323	ng		94
10) Phenol	7.379	94	143612	43.323	ng		97
11) bis(2-Chloroethyl)ether	7.614	93	92364	37.898	ng		91
12) 1,3-Dichlorobenzene	8.096	146	111129	42.229	ng		93
13) 1,4-Dichlorobenzene	8.249	146	112310	41.973	ng		98
14) 1,2-Dichlorobenzene	8.566	146	111179	43.078	ng		97
15) Benzyl Alcohol	8.443	79	104589	42.314	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.736	45	245962	38.474	ng		99
17) 2-Methylphenol	8.642	107	95442	43.365	ng		99
18) Hexachloroethane	9.306	117	39486	42.051	ng		98
19) n-Nitroso-di-n-propyla...	9.013	70	84457	40.770	ng		97
20) 3+4-Methylphenols	8.972	107	129377	41.799	ng		98
22) Acetophenone	9.030	105	182271	45.813	ng	#	99
24) Nitrobenzene	9.418	77	123927	47.020	ng		94
25) Isophorone	9.947	82	230404	39.625	ng		99
26) 2-Nitrophenol	10.135	139	51655	50.613	ng	#	93
27) 2,4-Dimethylphenol	10.188	122	107472	49.689	ng		96
28) bis(2-Chloroethoxy)met...	10.423	93	130953	39.555	ng		99
29) 2,4-Dichlorophenol	10.675	162	114298	49.104	ng		99
30) 1,2,4-Trichlorobenzene	10.893	180	121635	45.992	ng		98
31) Naphthalene	11.087	128	334845	41.495	ng		99
32) Benzoic acid	10.323	122	70788	43.592	ng		98
33) 4-Chloroaniline	11.181	127	69535	22.170	ng		96
34) Hexachlorobutadiene	11.380	225	90080	43.553	ng		98
35) Caprolactam	11.956	113	35975m	40.296	ng		
36) 4-Chloro-3-methylphenol	12.285	107	130812	46.753	ng		97
37) 2-Methylnaphthalene	12.679	142	231452	39.067	ng		99
38) 1-Methylnaphthalene	12.896	142	239296	40.800	ng		100
40) 1,2,4,5-Tetrachloroben...	13.043	216	186832	47.785	ng		99
41) Hexachlorocyclopentadiene	13.026	237	230660	131.068	ng		99
43) 2,4,6-Trichlorophenol	13.272	196	114435	51.168	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064676.D
Acq On : 3 Nov 2025 17:19
Operator : RC/JU
Sample : PB170216BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:43:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170216BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.343	196	126231	48.910	ng		98
46)	1,1'-Biphenyl	13.672	154	392423	47.380	ng		97
47)	2-Chloronaphthalene	13.719	162	269956	43.180	ng		99
48)	2-Nitroaniline	13.907	65	99659	47.519	ng		96
49)	Acenaphthylene	14.559	152	482102	48.889	ng		98
50)	Dimethylphthalate	14.283	163	386687	43.377	ng		100
51)	2,6-Dinitrotoluene	14.395	165	76763	51.908	ng		98
52)	Acenaphthene	14.900	154	330536	49.061	ng		98
53)	3-Nitroaniline	14.724	138	56670	36.990	ng	#	98
54)	2,4-Dinitrophenol	14.923	184	106418	115.262	ng	#	38
55)	Dibenzofuran	15.229	168	464689	42.663	ng		98
56)	4-Nitrophenol	15.017	139	135990	95.740	ng		93
57)	2,4-Dinitrotoluene	15.176	165	117345	51.368	ng	#	100
58)	Fluorene	15.875	166	374710	44.050	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.446	232	133345	54.030	ng		98
60)	Diethylphthalate	15.634	149	391543	43.016	ng		98
61)	4-Chlorophenyl-phenyle...	15.863	204	210057	44.003	ng		99
62)	4-Nitroaniline	15.881	138	85132	49.948	ng		94
63)	Azobenzene	16.157	77	350545	41.973	ng		97
65)	4,6-Dinitro-2-methylph...	15.940	198	76492	58.254	ng		93
66)	n-Nitrosodiphenylamine	16.075	169	344623	43.713	ng		97
67)	4-Bromophenyl-phenylether	16.756	248	155902	45.076	ng		97
68)	Hexachlorobenzene	16.880	284	179683	45.539	ng		98
69)	Atrazine	17.015	200	160899	47.425	ng		96
70)	Pentachlorophenol	17.215	266	246480	100.175	ng		96
71)	Phenanthrene	17.614	178	687757	43.091	ng		99
72)	Anthracene	17.702	178	699037	43.056	ng		100
73)	Carbazole	17.961	167	631308	44.096	ng		100
74)	Di-n-butylphthalate	18.519	149	726202	43.865	ng		99
75)	Fluoranthene	19.606	202	890769	44.551	ng		99
77)	Benzidine	19.776	184	315351	41.191	ng		99
78)	Pyrene	19.970	202	926752	41.511	ng		99
80)	Butylbenzylphthalate	20.840	149	327559	48.545	ng		95
81)	Benzo(a)anthracene	21.827	228	1007500	44.467	ng		99
82)	3,3'-Dichlorobenzidine	21.733	252	257277	34.004	ng		99
83)	Chrysene	21.892	228	940484	43.624	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.727	149	459648	45.588	ng		99
85)	Di-n-octyl phthalate	22.984	149	788440	46.381	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.007	276	1196767	45.034	ng	#	70
88)	Benzo(b)fluoranthene	24.124	252	999955	45.141	ng		99
89)	Benzo(k)fluoranthene	24.195	252	1037592	46.808	ng		96
90)	Benzo(a)pyrene	25.023	252	964357	47.360	ng		100
91)	Dibenzo(a,h)anthracene	29.077	278	993091	45.998	ng		97
92)	Benzo(g,h,i)perylene	30.211	276	961121	46.601	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

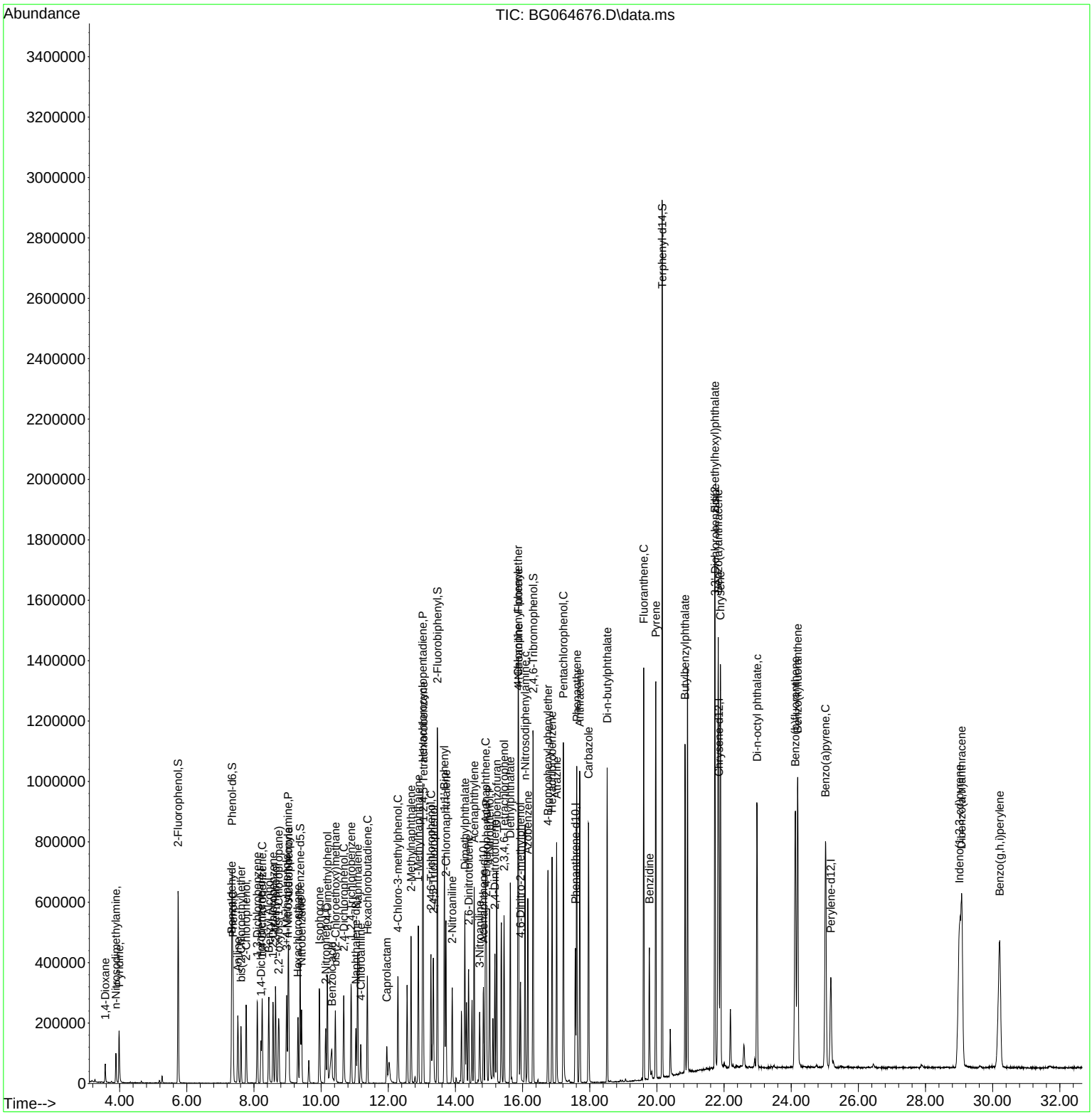
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064676.D
Acq On : 3 Nov 2025 17:19
Operator : RC/JU
Sample : PB170216BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:43:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170216BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



Sample Results: **BG064680.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064680.D
Acq On : 3 Nov 2025 20:02
Operator : RC/JU
Sample : Q3368-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 04 00:45:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.207	152	30368	20.000	ng	-0.02
21) Naphthalene-d8	11.034	136	117215	20.000	ng	-0.02
39) Acenaphthene-d10	14.829	164	90360	20.000	ng	-0.02
64) Phenanthrene-d10	17.567	188	222095	20.000	ng	-0.02
76) Chrysene-d12	21.844	240	260459	20.000	ng	#-0.02
86) Perylene-d12	25.176	264	283712	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	242940	134.277	ng	0.00
7) Phenol-d6	7.350	99	306102	123.296	ng	0.00
23) Nitrobenzene-d5	9.377	82	218230	111.824	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	240573	184.465	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	573381	96.182	ng	-0.02
79) Terphenyl-d14	20.158	244	980327	71.030	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	23660	29.538	ng	# 80
3) Pyridine	4.007	79	56618	23.538	ng	98
4) n-Nitrosodimethylamine	3.895	42	47782	37.042	ng	95
6) Aniline	7.526	93	35796	10.596	ng	97
8) 2-Chlorophenol	7.767	128	92009	48.586	ng	94
9) Benzaldehyde	7.338	77	4503	3.322	ng	96
10) Phenol	7.379	94	115063	41.908	ng	94
11) bis(2-Chloroethyl)ether	7.614	93	81303	40.276	ng	95
12) 1,3-Dichlorobenzene	8.102	146	90510	41.526	ng	94
13) 1,4-Dichlorobenzene	8.243	146	90776	40.960	ng	97
14) 1,2-Dichlorobenzene	8.566	146	91565	42.835	ng	98
15) Benzyl Alcohol	8.443	79	101657	49.655	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.736	45	211029	39.854	ng	99
17) 2-Methylphenol	8.642	107	85566	46.939	ng	99
18) Hexachloroethane	9.306	117	33012	42.446	ng	94
19) n-Nitroso-di-n-propyla...	9.012	70	76435	44.549	ng	98
20) 3+4-Methylphenols	8.971	107	116625	45.492	ng	98
22) Acetophenone	9.036	105	160089	49.962	ng	# 94
24) Nitrobenzene	9.418	77	107939	50.852	ng	93
25) Isophorone	9.947	82	215205	45.956	ng	98
26) 2-Nitrophenol	10.129	139	48952	59.004	ng	# 94
27) 2,4-Dimethylphenol	10.188	122	102408	58.791	ng	96
28) bis(2-Chloroethoxy)met...	10.423	93	122425	45.917	ng	99
29) 2,4-Dichlorophenol	10.675	162	103385	55.150	ng	96
30) 1,2,4-Trichlorobenzene	10.893	180	107425	50.436	ng	99
31) Naphthalene	11.086	128	302406	46.532	ng	100
32) Benzoic acid	10.311	122	67000	50.070	ng	92
33) 4-Chloroaniline	11.180	127	7676	3.039	ng	95
34) Hexachlorobutadiene	11.374	225	80335	48.229	ng	99
35) Caprolactam	11.962	113	26161m	36.386	ng	
36) 4-Chloro-3-methylphenol	12.291	107	119054	52.835	ng	97
37) 2-Methylnaphthalene	12.679	142	206499	43.279	ng	100
38) 1-Methylnaphthalene	12.896	142	215877	45.703	ng	98
40) 1,2,4,5-Tetrachloroben...	13.043	216	170439	56.203	ng	99
41) Hexachlorocyclopentadiene	13.025	237	211332	154.826	ng	98
43) 2,4,6-Trichlorophenol	13.272	196	106698	61.510	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064680.D
Acq On : 3 Nov 2025 20:02
Operator : RC/JU
Sample : Q3368-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 04 00:45:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.343	196	117187	58.542	ng		94
46) 1,1'-Biphenyl	13.672	154	353733	55.064	ng		98
47) 2-Chloronaphthalene	13.719	162	241531	49.810	ng		97
48) 2-Nitroaniline	13.901	65	86715	52.916	ng		93
49) Acenaphthylene	14.559	152	432319	56.524	ng		99
50) Dimethylphthalate	14.277	163	350724	50.724	ng		97
51) 2,6-Dinitrotoluene	14.394	165	70102	60.551	ng		95
52) Acenaphthene	14.900	154	302087	57.810	ng		98
53) 3-Nitroaniline	14.717	138	20161	16.967	ng		95
54) 2,4-Dinitrophenol	14.923	184	93861	130.307	ng	#	37
55) Dibenzofuran	15.229	168	427441	50.596	ng		97
56) 4-Nitrophenol	15.017	139	112126	101.776	ng		92
57) 2,4-Dinitrotoluene	15.176	165	103491	57.991	ng		97
58) Fluorene	15.875	166	337313	51.126	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.446	232	125538	65.583	ng		98
60) Diethylphthalate	15.634	149	352704	49.959	ng		100
61) 4-Chlorophenyl-phenyle...	15.863	204	195878	52.903	ng		98
62) 4-Nitroaniline	15.881	138	62272	47.106	ng		95
63) Azobenzene	16.157	77	298641	46.103	ng		97
65) 4,6-Dinitro-2-methylph...	15.934	198	69642	68.631	ng		91
66) n-Nitrosodiphenylamine	16.075	169	298482	49.752	ng		100
67) 4-Bromophenyl-phenylether	16.756	248	142200	54.029	ng		96
68) Hexachlorobenzene	16.880	284	162997	54.286	ng		94
69) Atrazine	17.015	200	92429	35.801	ng		97
70) Pentachlorophenol	17.215	266	217738	116.291	ng		93
71) Phenanthrene	17.614	178	607533	50.021	ng		99
72) Anthracene	17.702	178	612680	49.590	ng		99
73) Carbazole	17.967	167	540810	49.640	ng		100
74) Di-n-butylphthalate	18.519	149	633166	50.258	ng		100
75) Fluoranthene	19.606	202	759030	49.886	ng		98
77) Benzidine	19.829	184	36023m	6.173	ng		
78) Pyrene	19.964	202	781218	45.908	ng		99
80) Butylbenzylphthalate	20.840	149	288542	56.102	ng		96
81) Benzo(a)anthracene	21.821	228	887093	51.366	ng		100
82) 3,3'-Dichlorobenzidine	21.727	252	24123	4.183	ng		95
83) Chrysene	21.891	228	832860	50.683	ng		99
84) Bis(2-ethylhexyl)phtha...	21.727	149	412932	53.731	ng		97
85) Di-n-octyl phthalate	22.978	149	718548	55.456	ng		98
87) Indeno(1,2,3-cd)pyrene	29.007	276	1080339	51.763	ng	#	97
88) Benzo(b)fluoranthene	24.118	252	911181	52.375	ng		98
89) Benzo(k)fluoranthene	24.189	252	913605	52.478	ng		97
90) Benzo(a)pyrene	25.023	252	847383	52.989	ng	#	97
91) Dibenzo(a,h)anthracene	29.077	278	898559	52.994	ng		97
92) Benzo(g,h,i)perylene	30.199	276	871532	53.806	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

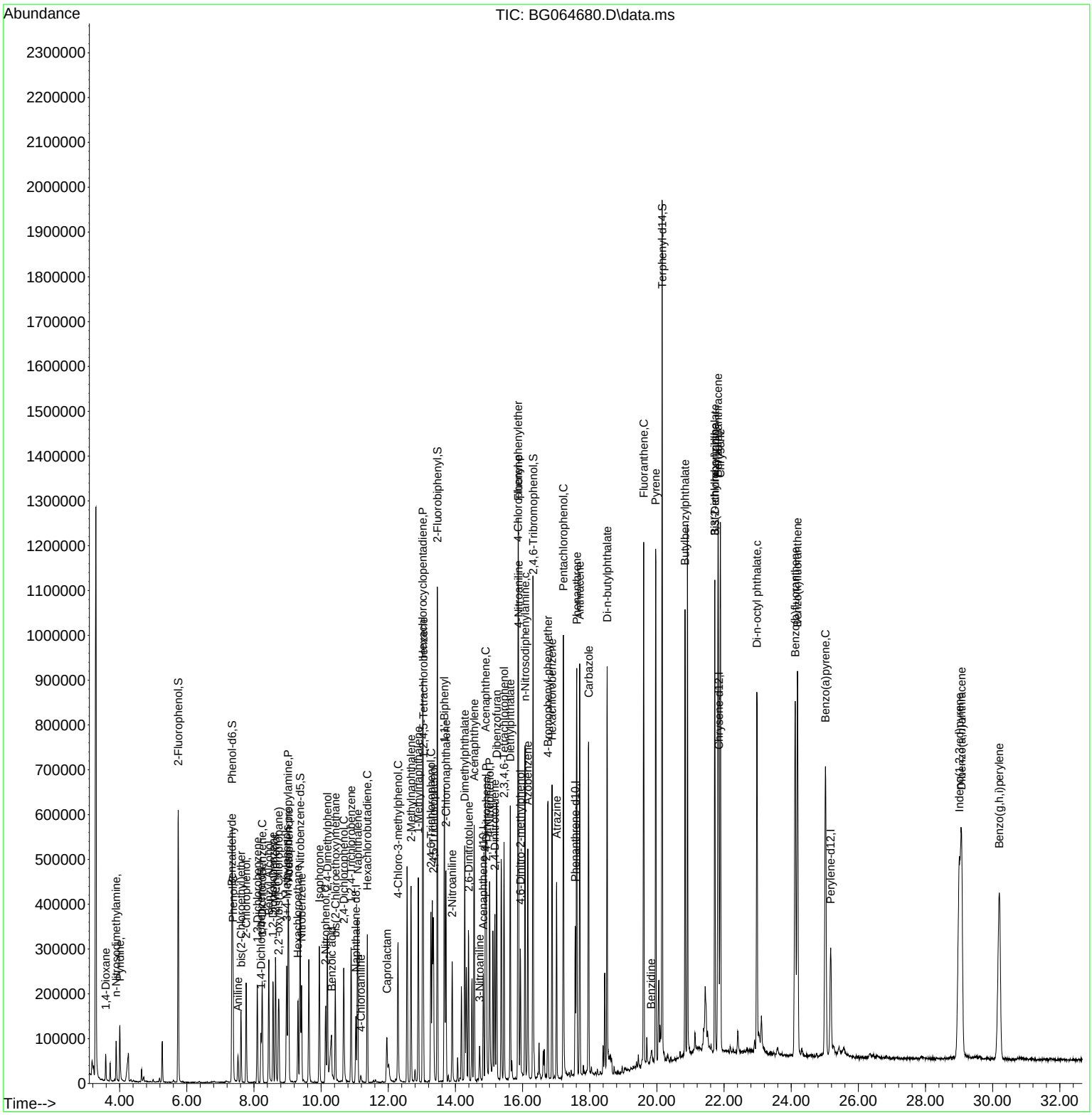
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064680.D
Acq On : 3 Nov 2025 20:02
Operator : RC/JU
Sample : Q3368-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 04 00:45:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



Sample Results: **BG064681.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064681.D
Acq On : 3 Nov 2025 20:43
Operator : RC/JU
Sample : Q3368-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 00:46:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.208	152	29562	20.000	ng		-0.02
21) Naphthalene-d8	11.034	136	113027	20.000	ng		-0.02
39) Acenaphthene-d10	14.829	164	89136	20.000	ng		-0.02
64) Phenanthrene-d10	17.567	188	214377	20.000	ng		-0.02
76) Chrysene-d12	21.845	240	255846	20.000	ng		#-0.02
86) Perylene-d12	25.176	264	276510	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	237936	135.097	ng		0.00
7) Phenol-d6	7.350	99	298100	123.347	ng		0.00
23) Nitrobenzene-d5	9.377	82	212317	112.825	ng		0.00
42) 2,4,6-Tribromophenol	16.310	330	229218	178.172	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	565121	96.098	ng		-0.02
79) Terphenyl-d14	20.158	244	956174	70.529	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	22359	28.675	ng	#	80
3) Pyridine	4.007	79	54345	23.209	ng		99
4) n-Nitrosodimethylamine	3.895	42	44554	35.481	ng		99
6) Aniline	7.526	93	31709	9.642	ng		98
8) 2-Chlorophenol	7.767	128	89836	48.732	ng		99
9) Benzaldehyde	7.332	77	5976m	4.529	ng		
10) Phenol	7.379	94	108496	40.594	ng		97
11) bis(2-Chloroethyl)ether	7.614	93	77779	39.581	ng		92
12) 1,3-Dichlorobenzene	8.102	146	84183	39.676	ng		97
13) 1,4-Dichlorobenzene	8.243	146	89821	41.634	ng		93
14) 1,2-Dichlorobenzene	8.566	146	88410	42.487	ng		95
15) Benzyl Alcohol	8.443	79	95534	47.937	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.736	45	202193	39.226	ng		99
17) 2-Methylphenol	8.642	107	83222	46.898	ng		97
18) Hexachloroethane	9.312	117	32015	42.287	ng		95
19) n-Nitroso-di-n-propyla...	9.012	70	71438	42.771	ng		92
20) 3+4-Methylphenols	8.971	107	113726	45.571	ng		95
22) Acetophenone	9.030	105	156209	50.558	ng	#	96
24) Nitrobenzene	9.418	77	105752	51.668	ng		94
25) Isophorone	9.947	82	206861	45.811	ng		98
26) 2-Nitrophenol	10.135	139	47585	59.456	ng	#	92
27) 2,4-Dimethylphenol	10.188	122	91659	54.570	ng		96
28) bis(2-Chloroethoxy)met...	10.423	93	114729	44.625	ng		97
29) 2,4-Dichlorophenol	10.675	162	100341	55.510	ng		94
30) 1,2,4-Trichlorobenzene	10.893	180	104341	50.803	ng		97
31) Naphthalene	11.087	128	289651	46.221	ng		99
32) Benzoic acid	10.305	122	69554m	53.362	ng		
33) 4-Chloroaniline	11.186	127	7647	3.140	ng		95
34) Hexachlorobutadiene	11.374	225	79788	49.675	ng		95
35) Caprolactam	11.956	113	25617m	36.949	ng		
36) 4-Chloro-3-methylphenol	12.291	107	114171	52.546	ng		99
37) 2-Methylnaphthalene	12.679	142	202005	43.906	ng		99
38) 1-Methylnaphthalene	12.896	142	214076	47.001	ng		96
40) 1,2,4,5-Tetrachloroben...	13.037	216	171064	57.184	ng		99
41) Hexachlorocyclopentadiene	13.025	237	209586	155.655	ng		96
43) 2,4,6-Trichlorophenol	13.272	196	102146	59.694	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064681.D
Acq On : 3 Nov 2025 20:43
Operator : RC/JU
Sample : Q3368-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 00:46:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.343	196	117414	59.461	ng		96
46)	1,1'-Biphenyl	13.672	154	347626	54.857	ng		98
47)	2-Chloronaphthalene	13.719	162	238817	49.927	ng		96
48)	2-Nitroaniline	13.901	65	85940	53.148	ng		95
49)	Acenaphthylene	14.559	152	417568	55.345	ng		99
50)	Dimethylphthalate	14.277	163	336794	49.378	ng		98
51)	2,6-Dinitrotoluene	14.389	165	69275	60.653	ng		96
52)	Acenaphthene	14.894	154	286358	55.552	ng		100
53)	3-Nitroaniline	14.723	138	19040	16.243	ng	#	96
54)	2,4-Dinitrophenol	14.923	184	88923	125.368	ng	#	38
55)	Dibenzofuran	15.229	168	406466	48.774	ng		99
56)	4-Nitrophenol	15.017	139	104956	96.576	ng		93
57)	2,4-Dinitrotoluene	15.176	165	100031	56.884	ng	#	96
58)	Fluorene	15.875	166	322198	49.505	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.446	232	115980	61.422	ng		99
60)	Diethylphthalate	15.634	149	336618	48.335	ng		99
61)	4-Chlorophenyl-phenyle...	15.863	204	186781	51.139	ng		98
62)	4-Nitroaniline	15.881	138	58203	44.632	ng		90
63)	Azobenzene	16.151	77	286328	44.809	ng		98
65)	4,6-Dinitro-2-methylph...	15.934	198	64818	66.370	ng		94
66)	n-Nitrosodiphenylamine	16.075	169	284830	49.186	ng		99
67)	4-Bromophenyl-phenylether	16.756	248	132622	52.204	ng		97
68)	Hexachlorobenzene	16.880	284	151887	52.407	ng		95
69)	Atrazine	17.015	200	84422	33.877	ng		98
70)	Pentachlorophenol	17.215	266	182328	100.884	ng		95
71)	Phenanthrene	17.614	178	576953	49.214	ng		99
72)	Anthracene	17.702	178	580391	48.668	ng		100
73)	Carbazole	17.961	167	523661	49.796	ng		99
74)	Di-n-butylphthalate	18.519	149	596132	49.022	ng		99
75)	Fluoranthene	19.606	202	741140	50.464	ng		98
77)	Benzidine	19.812	184	12632m	2.204	ng		
78)	Pyrene	19.964	202	758193	45.358	ng		100
80)	Butylbenzylphthalate	20.840	149	277230	54.875	ng		98
81)	Benzo(a)anthracene	21.821	228	854893	50.394	ng		99
83)	Chrysene	21.892	228	805367	49.894	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.727	149	396215	52.486	ng		98
85)	Di-n-octyl phthalate	22.979	149	679889	53.419	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.007	276	1040100	51.133	ng	#	93
88)	Benzo(b)fluoranthene	24.118	252	885298	52.213	ng		98
89)	Benzo(k)fluoranthene	24.189	252	885525m	52.190	ng		
90)	Benzo(a)pyrene	25.023	252	818475	52.514	ng		97
91)	Dibenzo(a,h)anthracene	29.071	278	865972	52.402	ng		98
92)	Benzo(g,h,i)perylene	30.199	276	830398	52.602	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

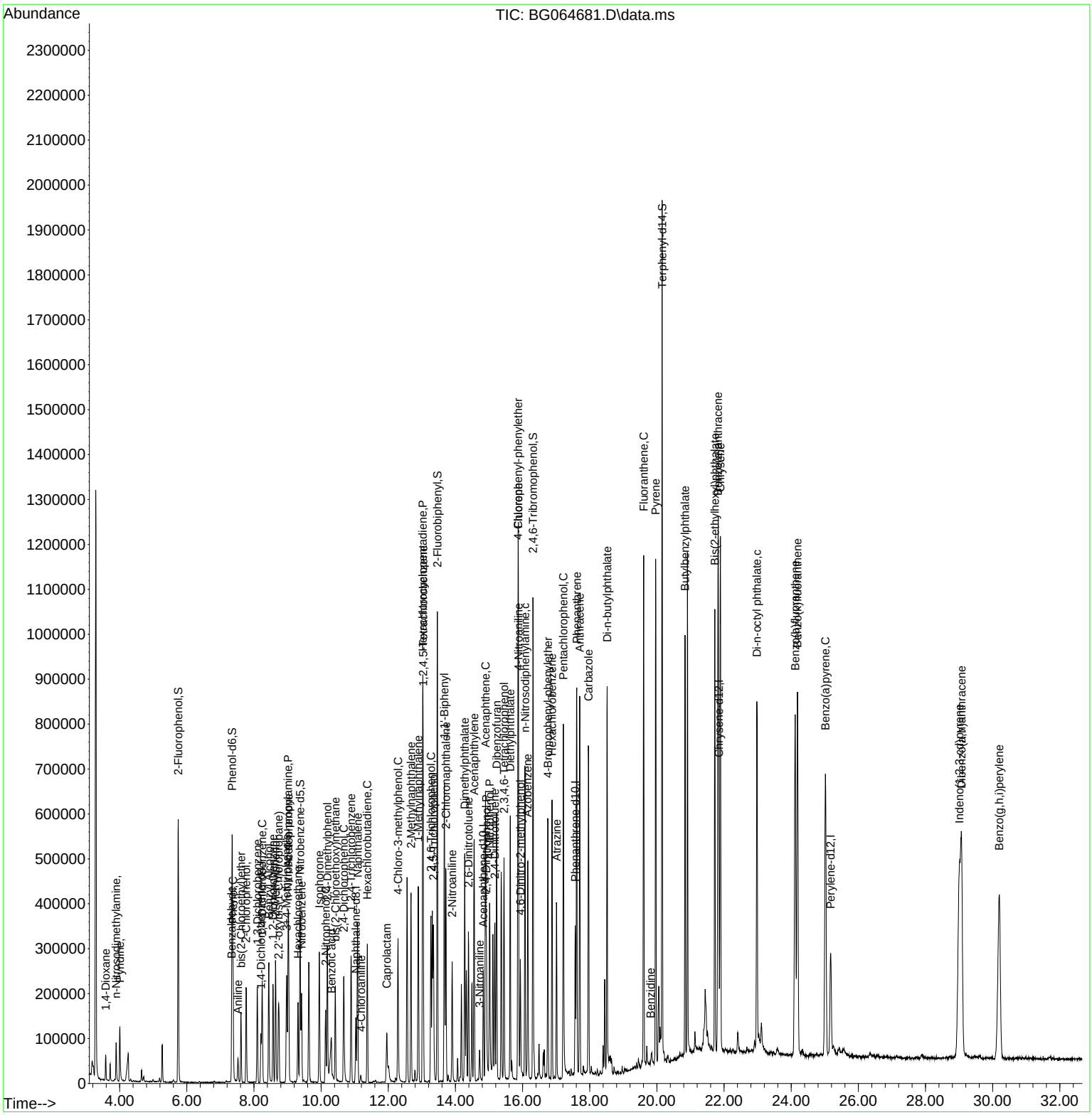
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064681.D
Acq On : 3 Nov 2025 20:43
Operator : RC/JU
Sample : Q3368-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 00:46:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	Jagrut	10/27/2025 12:24:38 PM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	Jagrut	10/27/2025 12:24:41 PM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	Jagrut	10/27/2025 12:24:43 PM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	Jagrut	10/27/2025 12:24:45 PM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	rahul	10/27/2025 8:33:03 AM	Jagrut	10/27/2025 12:24:48 PM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	rahul	10/27/2025 8:33:07 AM	Jagrut	10/27/2025 12:24:52 PM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	Jagrut	10/27/2025 12:24:54 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG110325	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064671.D	3 Nov 2025 13:54	RC/JU	Ok
2	SSTDCCC040	BG064672.D	3 Nov 2025 14:35	RC/JU	Ok,NR
3	PB170206BL	BG064673.D	3 Nov 2025 15:16	RC/JU	Ok
4	PB170206BS	BG064674.D	3 Nov 2025 15:57	RC/JU	Ok,NR
5	PB170216BL	BG064675.D	3 Nov 2025 16:38	RC/JU	Ok
6	PB170216BS	BG064676.D	3 Nov 2025 17:19	RC/JU	Ok,NR
7	PB170172TB	BG064677.D	3 Nov 2025 18:00	RC/JU	Ok
8	Q3399-02	BG064678.D	3 Nov 2025 18:41	RC/JU	Ok
9	Q3368-06	BG064679.D	3 Nov 2025 19:22	RC/JU	Ok
10	Q3368-06MS	BG064680.D	3 Nov 2025 20:02	RC/JU	Ok,NR
11	Q3368-06MSD	BG064681.D	3 Nov 2025 20:43	RC/JU	Ok,NR
12	Q3399-01	BG064682.D	3 Nov 2025 21:24	RC/JU	Ok
13	Q3399-01MS	BG064683.D	3 Nov 2025 22:05	RC/JU	Ok,NR
14	Q3399-01MSD	BG064684.D	3 Nov 2025 22:46	RC/JU	Ok,NR
15	SSTDCCC040	BG064685.D	3 Nov 2025 23:27	RC/JU	Ok,NR

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 12:25:10 PM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG110325

Review By	rahul	Review On	11/3/2025 3:19:29 PM		
Supervise By		Supervise On			
SubDirectory	BG110325	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064671.D	3 Nov 2025 13:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064672.D	3 Nov 2025 14:35		RC/JU	Ok,NR
3	PB170206BL	PB170206BL	BG064673.D	3 Nov 2025 15:16	Good for DOD Projects	RC/JU	Ok
4	PB170206BS	PB170206BS	BG064674.D	3 Nov 2025 15:57		RC/JU	Ok,NR
5	PB170216BL	PB170216BL	BG064675.D	3 Nov 2025 16:38		RC/JU	Ok
6	PB170216BS	PB170216BS	BG064676.D	3 Nov 2025 17:19		RC/JU	Ok,NR
7	PB170172TB	PB170172TB	BG064677.D	3 Nov 2025 18:00		RC/JU	Ok
8	Q3399-02	COMP-ROLLOFF	BG064678.D	3 Nov 2025 18:41		RC/JU	Ok
9	Q3368-06	OUTSIDE-DUMPSTER	BG064679.D	3 Nov 2025 19:22		RC/JU	Ok
10	Q3368-06MS	OUTSIDE-DUMPSTER	BG064680.D	3 Nov 2025 20:02		RC/JU	Ok,NR
11	Q3368-06MSD	OUTSIDE-DUMPSTER	BG064681.D	3 Nov 2025 20:43		RC/JU	Ok,NR
12	Q3399-01	COMP-ROLLOFF	BG064682.D	3 Nov 2025 21:24		RC/JU	Ok
13	Q3399-01MS	COMP-ROLLOFFMS	BG064683.D	3 Nov 2025 22:05		RC/JU	Ok,NR
14	Q3399-01MSD	COMP-ROLLOFFMSD	BG064684.D	3 Nov 2025 22:46		RC/JU	Ok,NR
15	SSTDCCC040	SSTDCCC040EC	BG064685.D	3 Nov 2025 23:27		RC/JU	Ok,NR

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40718710

Start Prep Date : 10/21/2025 **Time :** 14:00

End Prep Date : 10/22/2025 **Time :** 07:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 22 °C

Final Room Temperature: 21 °C

TCLP Technician Signature :

Supervisor By :

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	TCP Room	SHG. Ext / EXT
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB170172

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3406 **WorkList ID :** 192576 **Department :** TCLP Extraction **Date :** 10-21-2025 09:34:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3368-07	PRESS-SLUDGE	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3397-04	TP-7-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311
Q3399-02	COMP-ROLLOFF	Solid	TCLP Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311
Q3402-03	41-LA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-06	41-RA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-09	41-LB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-12	41-RB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3403-04	MH-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-02	MOO-25-0285-0288	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-06	MOO-25-0292	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3406-02	ARS20-0037	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3412-04	TP-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311

Date/Time 10/21/25 12:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/21/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170216

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/22/2025
Matrix :	Water			**Extraction Start Time :**	09:45
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	10/22/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	14:45
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2652
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext lab)	RC SVOC
14:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170216

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170172TB	PB170172TB	TCLP BNA	100	6	RUPESH	Evelyn	1			SEP-1
PB170216BL	PB170216BL	TCLP BNA	1000	6	RUPESH	Evelyn	1			2
PB170216BS	PB170216BS	TCLP BNA	1000	6	RUPESH	Evelyn	1			3
Q3368-06	OUTSIDE-DUMPSTER	TCLP BNA Group1	100	6	RUPESH	Evelyn	1	A		4
Q3368-06MS	OUTSIDE-DUMPSTERMS	TCLP BNA Group1	100	6	RUPESH	Evelyn	1	A		5
Q3368-06MSD	OUTSIDE-DUMPSTERMSD	TCLP BNA Group1	100	6	RUPESH	Evelyn	1	A		6
Q3368-07	PRESS-SLUDGE	TCLP BNA Group1	100	6	RUPESH	Evelyn	1	A		7
Q3397-04	TP-7-WC	TCLP BNA	100	6	RUPESH	Evelyn	1	A		8
Q3399-02	COMP-ROLLOFF	TCLP BNA	100	6	RUPESH	Evelyn	1	A		9
Q3402-03	41-LA	TCLP BNA	100	6	RUPESH	Evelyn	1	A		10
Q3402-06	41-RA	TCLP BNA	100	6	RUPESH	Evelyn	1	A		11
Q3402-09	41-LB	TCLP BNA	100	6	RUPESH	Evelyn	1	A		12
Q3402-12	41-RB	TCLP BNA	100	6	RUPESH	Evelyn	1	A		13
Q3403-04	MH-18	TCLP BNA	100	6	RUPESH	Evelyn	1	A		14
Q3412-04	TP-6	TCLP BNA	100	6	RUPESH	Evelyn	1	A		15

RS 10/22

* **Extracts relinguished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

10/22/25
09:30

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			SVOC-TCL BNA -20	8270E		10/22/25	11/03/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP BNA	8270E		10/22/25	11/03/25	

SAMPLE DATA

Raw Data: **FB032264.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.9
Sample Wt/Vol:	5.05 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	10.0	U	1	9.00	10.0	50.0	ug/kg	10/21/25 11:41	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	18.5			50 - 150		92%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance Client: ICE Service Group, Inc.

Lab Code: ACE SDG No.: Q3399

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF1021S1	102				0
BSF1021S1	109				0
COMP-ROLLOFF	92				0
BSF1021S2	105				0

QC LIMITS

AAA-TFT

For Water : 50-150
For Soil : 50-150

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATI

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : BSF1021S1 **Datafile:** FB032263.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	186	103	50-150

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATI

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : BSF1021S2 **Datafile:** FB032265.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	189	105	50-150

LCS/LCSD % Recovery RPD : 1.6

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1021S1

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: FB032261.D Lab Sample ID: VBF1021S1

Date Analyzed: 10/21/25 Time Analyzed: 10:05

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: fb

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1021S1	BSF1021S1	FB032263.D	10/21/25
COMP-ROLLOFF	Q3399-01	FB032264.D	10/21/25
BSF1021S2	BSF1021S2	FB032265.D	10/21/25

COMMENTS:

QC SAMPLE DATA

Raw Data: **FB032261.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VBF1021S1	SDG No.:	Q3399
Lab Sample ID:	VBF1021S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	9.00	U	1	8.00	9.00	45.0	ug/kg	10/21/25 10:05	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.4			50 - 150		102%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **FB032263.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	BSF1021S1	SDG No.:	Q3399
Lab Sample ID:	BSF1021S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	186		1	8.00	9.00	45.0	ug/kg	10/21/25 11:00	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	21.9			50 - 150		109%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **FB032265.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	BSF1021S2	SDG No.:	Q3399
Lab Sample ID:	BSF1021S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	189		1	8.00	9.00	45.0	ug/kg	10/21/25 12:32	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.9			50 - 150		105%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpage, NY

Lab Code: ACE SDG No.: Q3399

Calibration Sequence : FB092225		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1341516	29811	FB032214.D
90	2850195	31669	FB032215.D
180	5675270	31529	FB032216.D
450	14166602	31481	FB032217.D
900	28726009	31918	FB032218.D
AVG RF : 31282	**% RSD : 2.683**		**AVG RT : 8.7958**

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FB032260.D Analyst Name: YP/AJ Analyst Date: 10-21-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5807221	32262	31282	3.133

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Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FB032266.D Analyst Name: YP/AJ Analyst Date: 10-21-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5857772	32543	31282	4.031

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Fax : 908 789 8922

Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **Instrument ID:** FID_B

GC Column: RTX-502.2 **ID:** 0.53 **(mm)**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION **8.7958**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	21 Oct 2025 9:17	FB032260.D	8.790	
VBF1021S1	VBF1021S1	21 Oct 2025 10:05	FB032261.D	8.794	
BSF1021S1	BSF1021S1	21 Oct 2025 11:00	FB032263.D	8.797	
COMP-ROLLOFF	Q3399-01	21 Oct 2025 11:41	FB032264.D	8.798	
BSF1021S2	BSF1021S2	21 Oct 2025 12:32	FB032265.D	8.797	
20 PPB GRO STD	20 PPB GRO STD	21 Oct 2025 13:27	FB032266.D	8.798	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.6958	8.8958

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032264.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 11:41
Operator : YP/AJ
Sample : Q3399-01
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
COMP-ROLLOFF

Integration File: Calibration.e
Quant Time: Oct 21 11:34:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
5) s AAA-TFT	8.798	330478	18.463 ng/ml
Target Compounds			

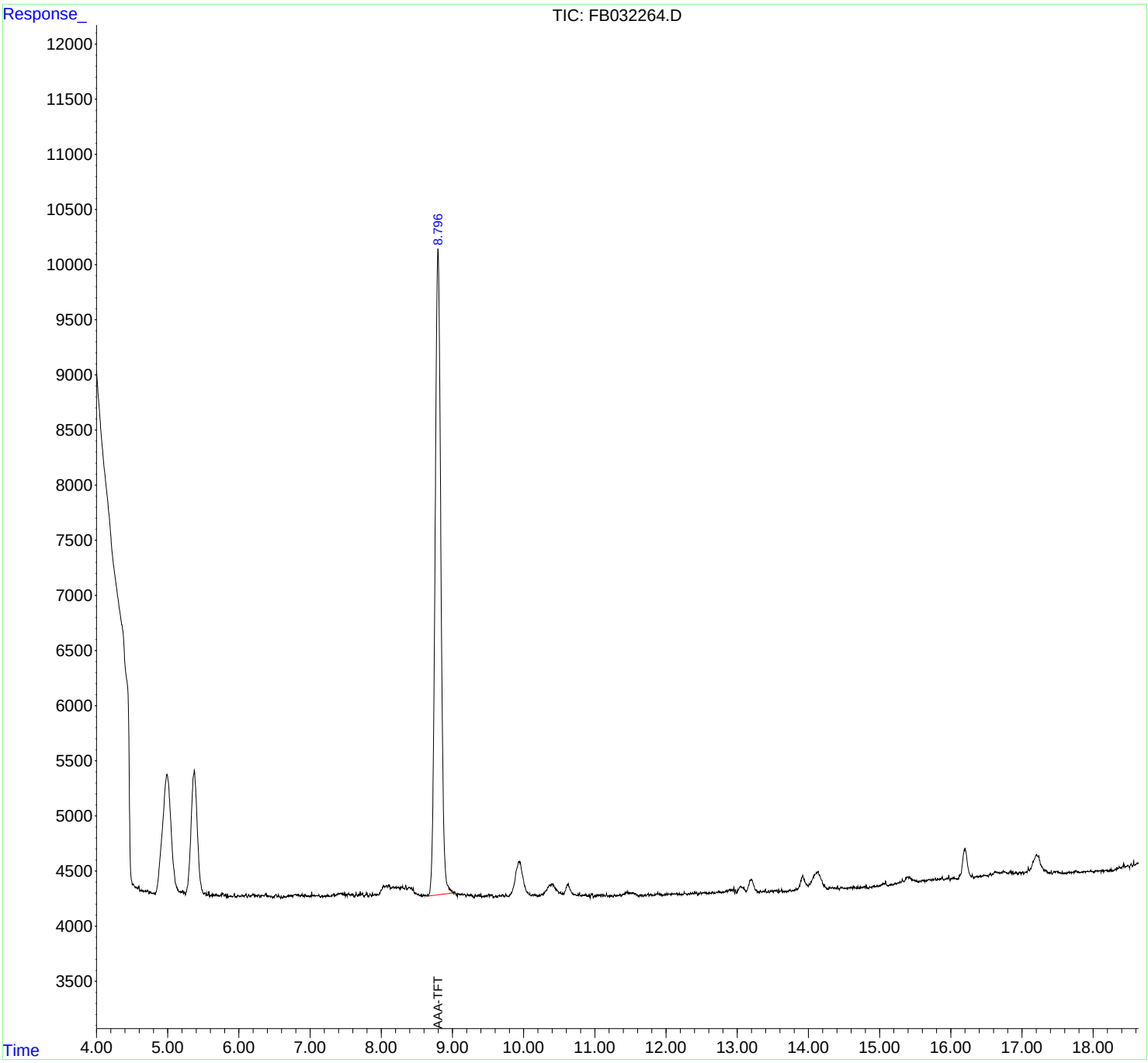
(f)=RT Delta > 1/2 Window (m)=manual int.

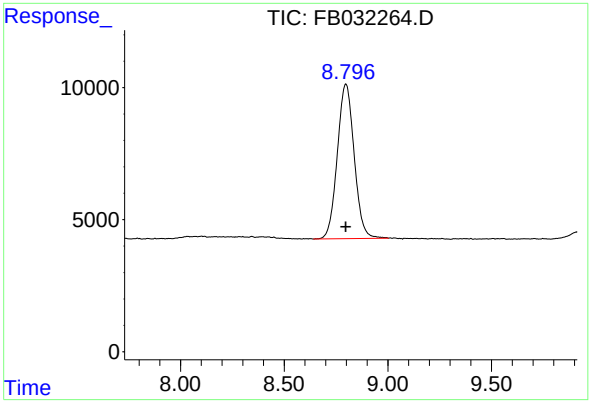
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032264.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 11:41
Operator : YP/AJ
Sample : Q3399-01
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
COMP-ROLLOFF

Integration File: Calibration.e
Quant Time: Oct 21 11:34:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.:	8.798 min
Delta R.T.:	0.002 min
Response:	330478
Conc:	18.46 ng/ml

Instrument :
FID_B
ClientSampleId :
COMP-ROLLOFF

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032264.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 11:41
Sample : Q3399-03
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.515	4.470	4.582	BV	-269	-10371	-3.06%	-1.892%
2	4.631	4.615	4.699	PV	15	380	0.11%	0.069%
3	4.720	4.699	4.741	VV	24	323	0.10%	0.059%
4	4.755	4.741	4.785	PV	15	163	0.05%	0.030%
5	5.211	5.200	5.249	VV	44	809	0.24%	0.148%
6	5.524	5.514	5.563	VV	34	643	0.19%	0.117%
7	5.578	5.563	5.593	VV	46	321	0.09%	0.059%
8	5.680	5.593	5.737	VV	29	1334	0.39%	0.243%
9	5.774	5.737	5.796	VV	35	840	0.25%	0.153%
10	5.815	5.796	5.829	VV	30	392	0.12%	0.072%
11	5.839	5.829	5.854	PV	18	199	0.06%	0.036%
12	5.936	5.854	5.968	VV	39	940	0.28%	0.171%
13	5.989	5.968	6.032	VV	22	581	0.17%	0.106%
14	6.045	6.032	6.076	VV	25	466	0.14%	0.085%
15	6.099	6.076	6.121	VV	34	525	0.15%	0.096%
16	6.137	6.121	6.168	VV	31	521	0.15%	0.095%
17	6.207	6.168	6.257	VV	36	1301	0.38%	0.237%
18	6.280	6.257	6.299	VV	34	512	0.15%	0.093%
19	6.337	6.299	6.354	VV	26	736	0.22%	0.134%
20	6.373	6.354	6.477	VV	42	1548	0.46%	0.282%
21	6.522	6.477	6.540	VV	36	794	0.23%	0.145%
22	6.555	6.540	6.589	VV	27	523	0.15%	0.095%
23	6.599	6.589	6.616	PV	20	177	0.05%	0.032%
24	6.631	6.616	6.663	VV	18	402	0.12%	0.073%
25	6.714	6.663	6.758	VV	30	1294	0.38%	0.236%
26	6.797	6.758	6.813	VV	38	1037	0.31%	0.189%
27	6.934	6.923	6.994	VV	34	965	0.28%	0.176%
28	7.024	6.994	7.081	VV	54	1341	0.40%	0.245%
29	7.123	7.081	7.149	VV	33	947	0.28%	0.173%
30	7.169	7.149	7.195	VV	23	483	0.14%	0.088%
31	7.243	7.195	7.285	VV	29	1132	0.33%	0.206%
32	7.335	7.285	7.365	VV	46	1285	0.38%	0.235%
33	7.442	7.365	7.479	VV	48	2680	0.79%	0.489%
34	7.487	7.479	7.526	VV	40	947	0.28%	0.173%
35	7.541	7.526	7.571	VV	42	939	0.28%	0.171%
36	7.590	7.571	7.626	VV	42	992	0.29%	0.181%

rteres

37	7.648	7.626	7.667	VV	48	704	0.21%	0.128%
38	7.705	7.667	7.718	VV	60	1060	0.31%	0.193%
39	7.734	7.718	7.763	VV	40	828	0.24%	0.151%
40	7.793	7.763	7.816	VV	48	937	0.28%	0.171%
41	7.843	7.816	7.869	VV	38	818	0.24%	0.149%
42	7.878	7.869	7.894	VV	44	452	0.13%	0.082%
43	7.911	7.894	7.928	VV	37	641	0.19%	0.117%
44	7.943	7.928	7.960	VV	37	621	0.18%	0.113%
45	8.034	7.960	8.050	VV	116	4016	1.18%	0.733%
46	8.101	8.050	8.133	VV	123	5378	1.59%	0.981%
47	8.168	8.133	8.218	VV	103	4886	1.44%	0.891%
48	8.239	8.218	8.260	VV	97	2412	0.71%	0.440%
49	8.299	8.260	8.331	VV	105	3925	1.16%	0.716%
50	8.345	8.331	8.363	VV	115	1800	0.53%	0.328%
51	8.395	8.363	8.581	VV	100	7495	2.21%	1.367%
52	8.627	8.581	8.645	VV	28	868	0.26%	0.158%
53	8.798	8.645	9.071	VV	5885	339069	100.00%	61.859%
54	9.085	9.071	9.122	VV	37	1019	0.30%	0.186%
55	9.137	9.122	9.152	VV	40	594	0.18%	0.108%
56	9.166	9.152	9.194	VV	36	703	0.21%	0.128%
57	9.212	9.194	9.255	VV	35	896	0.26%	0.164%
58	9.263	9.255	9.305	VV	36	505	0.15%	0.092%
59	9.324	9.305	9.341	PV	28	400	0.12%	0.073%
60	9.371	9.341	9.430	VV	27	1072	0.32%	0.196%
61	9.508	9.430	9.603	VV	30	1865	0.55%	0.340%
62	9.707	9.603	9.739	VV	30	1391	0.41%	0.254%
63	9.751	9.739	9.787	VV	27	522	0.15%	0.095%
64	9.934	9.787	10.103	VV	323	26318	7.76%	4.801%
65	10.127	10.103	10.201	VV	31	1334	0.39%	0.243%
66	10.216	10.201	10.237	VV	23	395	0.12%	0.072%
67	10.397	10.237	10.569	VV	128	13571	4.00%	2.476%
68	10.627	10.569	10.772	VV	124	6914	2.04%	1.261%
69	10.786	10.772	10.803	VV	43	475	0.14%	0.087%
70	10.823	10.803	10.854	VV	27	618	0.18%	0.113%
71	10.870	10.854	10.902	VV	27	545	0.16%	0.099%
72	10.921	10.902	10.939	VV	29	355	0.10%	0.065%
73	10.953	10.939	10.992	PV	34	630	0.19%	0.115%
74	11.039	10.992	11.092	VV	23	967	0.29%	0.176%
75	11.103	11.092	11.118	VV	30	312	0.09%	0.057%
76	11.130	11.118	11.145	VV	19	237	0.07%	0.043%
77	11.165	11.145	11.209	VV	34	537	0.16%	0.098%
78	11.241	11.209	11.256	VV	19	308	0.09%	0.056%
79	11.277	11.256	11.312	VV	25	454	0.13%	0.083%
80	11.356	11.312	11.371	VV	24	541	0.16%	0.099%
81	11.451	11.371	11.481	VV	46	1959	0.58%	0.357%
82	11.497	11.481	11.620	VV	39	2249	0.66%	0.410%
83	11.635	11.620	11.682	VV	19	404	0.12%	0.074%
84	11.749	11.682	11.765	PV	24	615	0.18%	0.112%
85	11.787	11.765	11.841	VV	21	565	0.17%	0.103%
86	11.886	11.841	11.956	VV	35	1186	0.35%	0.216%
87	12.008	11.956	12.080	VV	21	1027	0.30%	0.187%
88	12.115	12.080	12.133	VV	21	552	0.16%	0.101%
89	12.146	12.133	12.175	VV	18	375	0.11%	0.068%

rteres

90	12.189	12.175	12.239	VV	24	463	0.14%	0.085%
91	12.259	12.239	12.302	VV	24	627	0.18%	0.114%
92	12.318	12.302	12.331	VV	19	245	0.07%	0.045%
93	12.375	12.331	12.395	VV	25	665	0.20%	0.121%
94	12.405	12.395	12.422	VV	32	360	0.11%	0.066%
95	12.431	12.422	12.448	VV	31	253	0.07%	0.046%
96	12.487	12.448	12.501	PV	25	494	0.15%	0.090%
97	12.536	12.501	12.603	VV	25	1111	0.33%	0.203%
98	12.653	12.603	12.692	VV	26	879	0.26%	0.160%
99	12.741	12.692	12.779	VV	32	1111	0.33%	0.203%
100	12.890	12.779	12.928	VV	41	2525	0.74%	0.461%
101	12.953	12.928	12.996	VV	62	1266	0.37%	0.231%
102	13.052	12.996	13.126	VV	67	3554	1.05%	0.648%
103	13.200	13.126	13.301	VV	129	6667	1.97%	1.216%
104	13.328	13.301	13.346	VV	23	340	0.10%	0.062%
105	13.397	13.346	13.424	VV	31	622	0.18%	0.114%
106	13.440	13.424	13.454	VV	21	179	0.05%	0.033%
107	13.492	13.454	13.507	VV	21	405	0.12%	0.074%
108	13.558	13.507	13.597	PV	21	702	0.21%	0.128%
109	13.623	13.597	13.661	VV	29	336	0.10%	0.061%
110	13.673	13.661	13.689	PV	7	96	0.03%	0.018%
111	13.743	13.689	13.760	VV	19	406	0.12%	0.074%
112	13.920	13.760	13.996	VV	142	7811	2.30%	1.425%
113	14.136	13.996	14.276	VV	176	15659	4.62%	2.857%
114	14.299	14.276	14.323	VV	23	521	0.15%	0.095%
115	14.339	14.323	14.399	VV	25	800	0.24%	0.146%
116	14.411	14.399	14.438	VV	36	404	0.12%	0.074%
117	14.459	14.438	14.555	VV	20	861	0.25%	0.157%
118	14.569	14.555	14.584	VV	15	215	0.06%	0.039%
119	14.598	14.584	14.624	VV	23	322	0.09%	0.059%
120	14.640	14.624	14.727	VV	24	662	0.20%	0.121%
121	14.742	14.727	14.757	VV	10	197	0.06%	0.036%
122	14.812	14.757	14.838	VV	34	659	0.19%	0.120%
123	14.865	14.838	14.891	PV	12	196	0.06%	0.036%
124	14.923	14.891	14.948	VV	21	449	0.13%	0.082%
125	14.964	14.948	14.983	VV	19	239	0.07%	0.044%
126	15.086	14.983	15.122	VV	51	1754	0.52%	0.320%
127	15.321	15.122	15.345	VV	47	2798	0.83%	0.511%
128	15.400	15.345	15.546	VV	71	5164	1.52%	0.942%
129	15.697	15.546	15.735	VV	30	2316	0.68%	0.422%
130	15.782	15.735	15.798	VV	30	848	0.25%	0.155%
131	15.821	15.798	15.836	VV	22	453	0.13%	0.083%
132	15.877	15.836	15.905	VV	31	874	0.26%	0.160%
133	15.973	15.905	16.089	VV	45	1767	0.52%	0.322%
134	16.198	16.089	16.289	VV	264	13128	3.87%	2.395%
135	16.302	16.289	16.323	VV	30	306	0.09%	0.056%

Sum of corrected areas: 548130

FB092225.M Thu Oct 23 00:26:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032261.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 10:05
Operator : YP/AJ
Sample : VBF1021S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1021S1

Integration File: Calibration.e
Quant Time: Oct 21 11:33:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
5) s AAA-TFT	8.794	365381	20.413 ng/ml
Target Compounds			

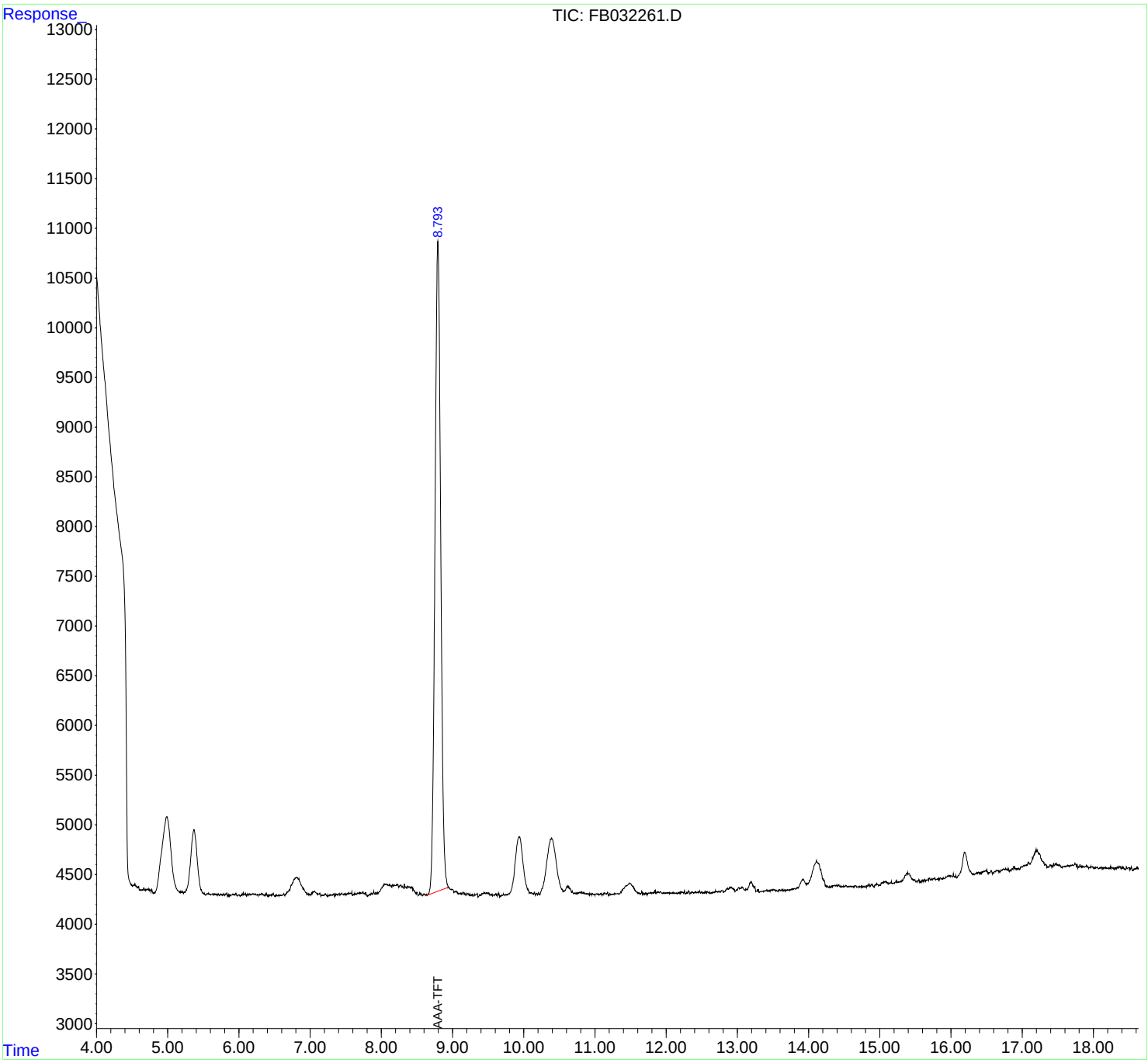
(f)=RT Delta > 1/2 Window (m)=manual int.

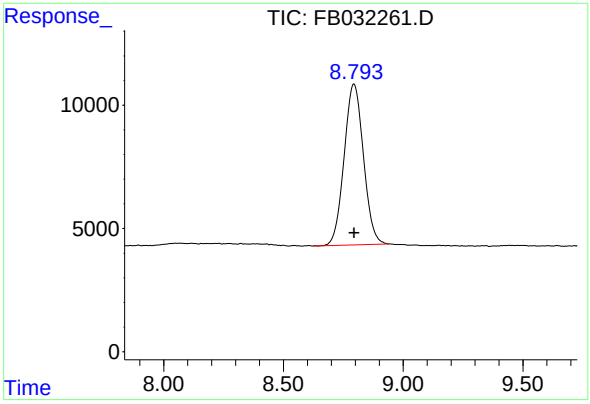
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032261.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 10:05
Operator : YP/AJ
Sample : VBF1021S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1021S1

Integration File: Calibration.e
Quant Time: Oct 21 11:33:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.:	8.794 min
Delta R.T.:	-0.002 min
Response:	365381
Conc:	20.41 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1021S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032261.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 10:05
Sample : VBF1021S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.794	8.623	8.939	PV	6533	365381	100.00%	100.000%
			Sum of corrected areas:			365381		

FB092225.M Thu Oct 23 00:24:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032263.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 11:00
Operator : YP/AJ
Sample : BSF1021S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1021S1

Integration File: Calibration.e
Quant Time: Oct 21 11:33:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.797	391083	21.849	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.715	841765	31.169	ng/ml
2) t	2,2,4-Trimethylpentane	7.424	974206	34.487	ng/ml
3) t	n-Heptane	7.756	299396	10.958	ng/ml
4) t	Benzene	7.895	374754	10.370	ng/ml
6) t	Toluene	10.625	1105455	29.681	ng/ml
7) t	Ethylbenzene	13.061	328594	10.052	ng/ml
8) t	m-Xylene	13.194	686551	20.143	ng/ml
9) t	O-Xylene	13.921	663178	20.309	ng/ml
10) t	1,2,4-Trimethylbenzene	16.196	559814	20.014	ng/ml

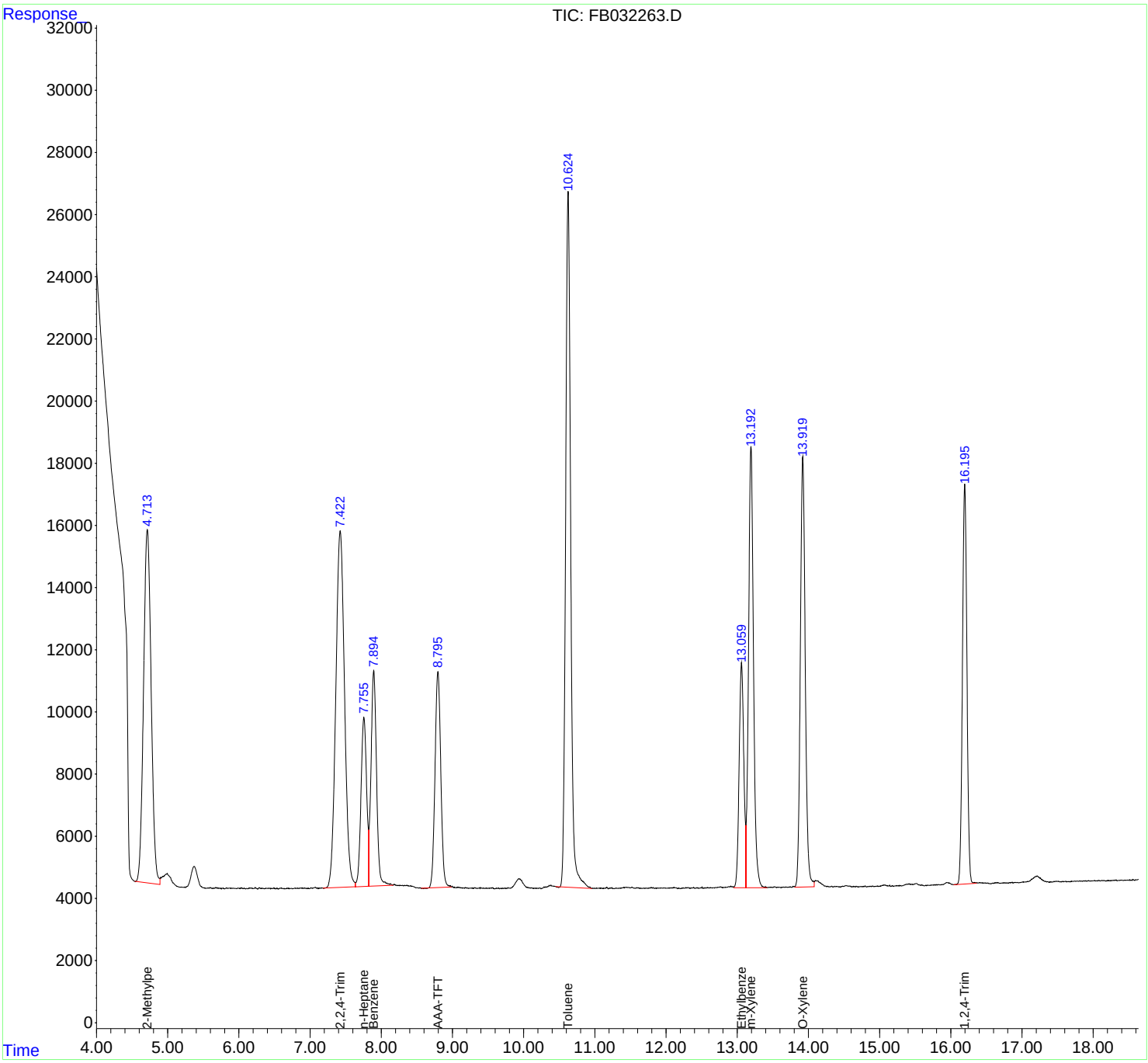
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032263.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 11:00
Operator : YP/AJ
Sample : BSF1021S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1021S1

Integration File: Calibration.e
Quant Time: Oct 21 11:33:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032263.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 11:00
Sample : BSF1021S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.537	4.891	BV	11364	841765	76.15%	13.523%
2	7.424	7.179	7.635	BV	11472	974206	88.13%	15.650%
3	7.756	7.635	7.825	VV	5445	299396	27.08%	4.810%
4	7.895	7.825	8.169	VV	6925	374754	33.90%	6.020%
5	8.797	8.559	8.988	BV	6948	391083	35.38%	6.283%
6	10.625	10.452	10.956	BV	22380	1105455	100.00%	17.759%
7	13.061	12.952	13.122	VV	7237	328594	29.72%	5.279%
8	13.194	13.122	13.422	VV	14184	686551	62.11%	11.029%
9	13.921	13.809	14.081	VV	13842	663178	59.99%	10.654%
10	16.196	16.038	16.359	PV	12872	559814	50.64%	8.993%

Sum of corrected areas: 6224796

FB092225.M Thu Oct 23 00:25:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032265.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 12:32
Operator : YP/AJ
Sample : BSF1021S2
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1021S2

Integration File: Calibration.e
Quant Time: Oct 23 17:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.797	374274	20.910	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.715	847037	31.364	ng/ml
2) t	2,2,4-Trimethylpentane	7.423	985452	34.885	ng/ml
3) t	n-Heptane	7.757	298718	10.933	ng/ml
4) t	Benzene	7.895	372554	10.309	ng/ml
6) t	Toluene	10.626	1120516	30.085	ng/ml
7) t	Ethylbenzene	13.062	331680	10.147	ng/ml
8) t	m-Xylene	13.195	698016	20.479	ng/ml
9) t	O-Xylene	13.922	672280	20.588	ng/ml
10) t	1,2,4-Trimethylbenzene	16.198	570828	20.408	ng/ml

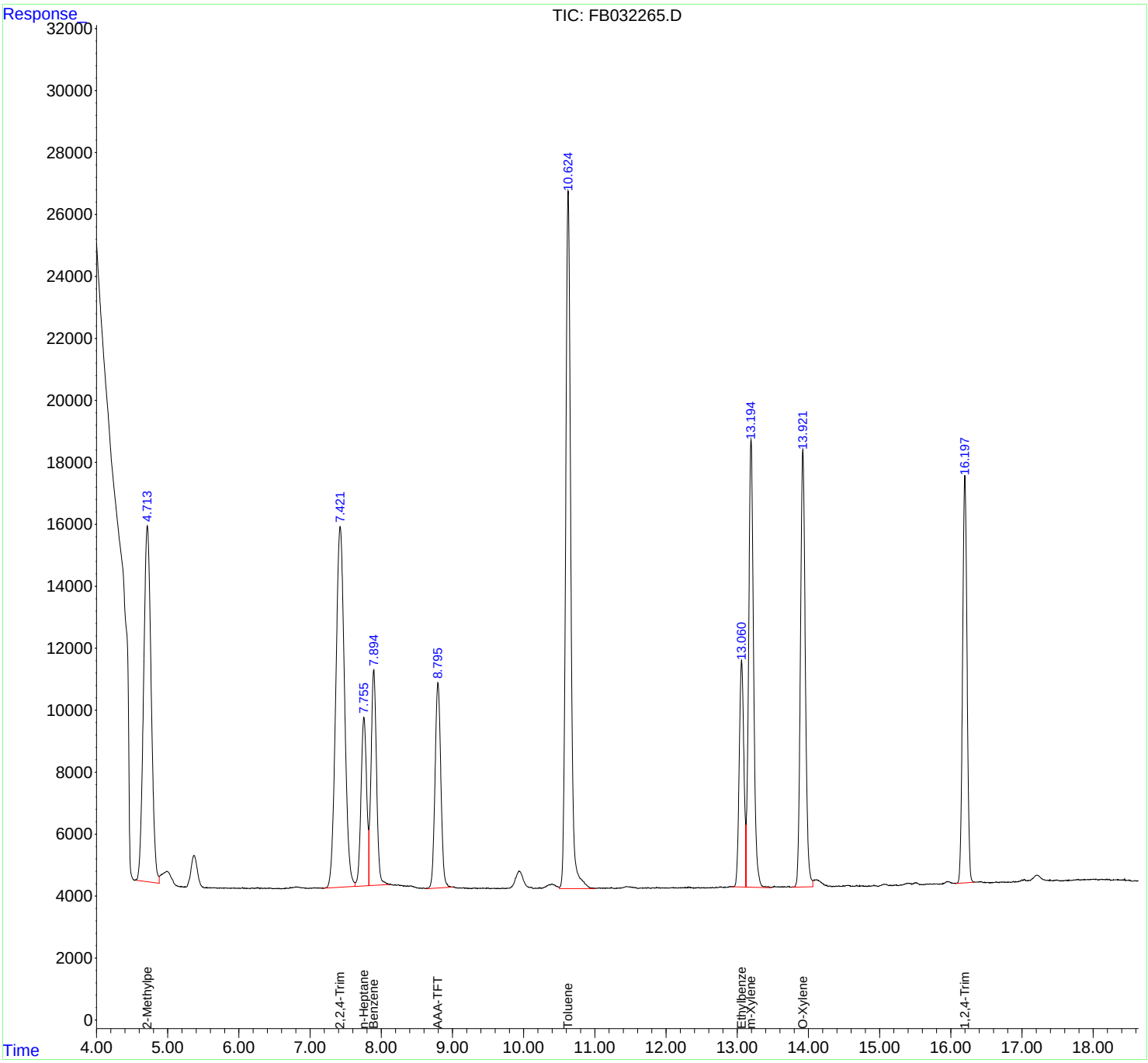
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102125\
Data File : FB032265.D
Signal(s) : FID2B.CH
Acq On : 21 Oct 2025 12:32
Operator : YP/AJ
Sample : BSF1021S2
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1021S2

Integration File: Calibration.e
Quant Time: Oct 23 17:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB092225

Review By	yogesh	Review On	9/24/2025 9:01:10 AM		
Supervise By	mohammad	Supervise On	9/25/2025 2:24:54 AM		
SubDirectory	FB092225	HP Acquire Method	FID_B	HP Processing Method	FB092225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935
CCC	PP24937,PP24938
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24936
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB032214.D	22 Sep 2025 9:53	YP/AJ	Ok
2	10 GRO STD	FB032215.D	22 Sep 2025 10:21	YP/AJ	Ok
3	20 GRO STD	FB032216.D	22 Sep 2025 10:48	YP/AJ	Ok
4	50 GRO STD	FB032217.D	22 Sep 2025 11:16	YP/AJ	Ok
5	100 GRO STD	FB032218.D	22 Sep 2025 11:44	YP/AJ	Ok
6	FB0922GROICV	FB032219.D	22 Sep 2025 12:43	YP/AJ	Ok
7	20 PPB GRO STD	FB032220.D	22 Sep 2025 13:23	YP/AJ	Ok
8	BSF0922S1	FB032221.D	22 Sep 2025 14:08	YP/AJ	Not Ok
9	VBF0922S2	FB032222.D	22 Sep 2025 14:35	YP/AJ	Ok
10	VBF0922S1	FB032223.D	22 Sep 2025 15:03	YP/AJ	Ok
11	Q3123-01	FB032224.D	22 Sep 2025 15:31	YP/AJ	Ok
12	Q3157-01	FB032225.D	22 Sep 2025 15:59	YP/AJ	Not Ok
13	BSF0922S1	FB032226.D	22 Sep 2025 16:35	YP/AJ	Ok
14	BSF0922S2	FB032227.D	22 Sep 2025 17:02	YP/AJ	Ok
15	20 PPB GRO STD	FB032228.D	22 Sep 2025 17:58	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102125

Review By	yogesh	Review On	10/29/2025 7:49:15 AM		
Supervise By	mohammad	Supervise On	10/29/2025 7:53:12 AM		
SubDirectory	FB102125	HP Acquire Method	FID_B	HP Processing Method	FB092225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935
CCC	PP25003,PP25004
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24936
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB032260.D	21 Oct 2025 9:17	YP/AJ	Ok
2	VBF1021S1	FB032261.D	21 Oct 2025 10:05	YP/AJ	Ok
3	VBF1021S2	FB032262.D	21 Oct 2025 10:33	YP/AJ	Ok
4	BSF1021S1	FB032263.D	21 Oct 2025 11:00	YP/AJ	Ok
5	Q3399-01	FB032264.D	21 Oct 2025 11:41	YP/AJ	Ok
6	BSF1021S2	FB032265.D	21 Oct 2025 12:32	YP/AJ	Ok
7	20 PPB GRO STD	FB032266.D	21 Oct 2025 13:27	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB092225

Review By	yogesh	Review On	9/24/2025 9:01:10 AM		
Supervise By	mohammad	Supervise On	9/25/2025 2:24:54 AM		
SubDirectory	FB092225	HP Acquire Method	FID_B	HP Processing Method	FB092225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935
CCC	PP24937,PP24938
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24936
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB032214.D	22 Sep 2025 9:53		YP/AJ	Ok
2	10 GRO STD		FB032215.D	22 Sep 2025 10:21		YP/AJ	Ok
3	20 GRO STD		FB032216.D	22 Sep 2025 10:48		YP/AJ	Ok
4	50 GRO STD		FB032217.D	22 Sep 2025 11:16		YP/AJ	Ok
5	100 GRO STD		FB032218.D	22 Sep 2025 11:44		YP/AJ	Ok
6	FB0922GROICV		FB032219.D	22 Sep 2025 12:43		YP/AJ	Ok
7	20 PPB GRO STD		FB032220.D	22 Sep 2025 13:23		YP/AJ	Ok
8	BSF0922S1		FB032221.D	22 Sep 2025 14:08	Not Used	YP/AJ	Not Ok
9	VBF0922S2		FB032222.D	22 Sep 2025 14:35		YP/AJ	Ok
10	VBF0922S1		FB032223.D	22 Sep 2025 15:03		YP/AJ	Ok
11	Q3123-01		FB032224.D	22 Sep 2025 15:31		YP/AJ	Ok
12	Q3157-01		FB032225.D	22 Sep 2025 15:59	Vial A not Purged	YP/AJ	Not Ok
13	BSF0922S1		FB032226.D	22 Sep 2025 16:35		YP/AJ	Ok
14	BSF0922S2		FB032227.D	22 Sep 2025 17:02		YP/AJ	Ok
15	20 PPB GRO STD		FB032228.D	22 Sep 2025 17:58		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102125

Review By	yogesh	Review On	10/29/2025 7:49:15 AM		
Supervise By	mohammad	Supervise On	10/29/2025 7:53:12 AM		
SubDirectory	FB102125	HP Acquire Method	FID_B	HP Processing Method	FB092225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935
CCC	PP25003,PP25004
Internal Standard/PEM	
ICV/I.BLK	PP24718,PP24936
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB032260.D	21 Oct 2025 9:17		YP/AJ	Ok
2	VBF1021S1		FB032261.D	21 Oct 2025 10:05		YP/AJ	Ok
3	VBF1021S2		FB032262.D	21 Oct 2025 10:33		YP/AJ	Ok
4	BSF1021S1		FB032263.D	21 Oct 2025 11:00		YP/AJ	Ok
5	Q3399-01		FB032264.D	21 Oct 2025 11:41	Vial A	YP/AJ	Ok
6	BSF1021S2		FB032265.D	21 Oct 2025 12:32		YP/AJ	Ok
7	20 PPB GRO STD		FB032266.D	21 Oct 2025 13:27		YP/AJ	Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	**COMP-ROLLOFF**								
Q3399-01	COMP-ROLLOFF	SOIL	Dieldrin	0.25	J	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	4,4-DDE	0.21	J	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	Endrin	0.38	JP	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	4,4-DDT	0.75	JP	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	alpha-Chlordane	0.37	J	0.13	0.37	1.90	ug/kg
			Total Concentration:	**1.960**					

Alliance
TECHNICAL GROUP

A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PD090758.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.37	U	1	0.14	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
319-85-7	beta-BHC	0.92	U	1	0.20	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
319-86-8	delta-BHC	0.92	U	1	0.43	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
58-89-9	gamma-BHC (Lindane)	0.37	U	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
76-44-8	Heptachlor	0.37	U	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
309-00-2	Aldrin	0.37	U	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
1024-57-3	Heptachlor epoxide	0.92	U	1	0.21	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
959-98-8	Endosulfan I	0.37	U	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
60-57-1	Dieldrin	0.25	J	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-55-9	4,4-DDE	0.21	J	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-20-8	Endrin	0.38	JP	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
33213-65-9	Endosulfan II	0.92	U	1	0.32	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
72-54-8	4,4-DDD	0.37	U	1	0.17	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
1031-07-8	Endosulfan Sulfate	0.37	U	1	0.14	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
50-29-3	4,4-DDT	0.75	JP	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-43-5	Methoxychlor	0.92	U	1	0.41	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
53494-70-5	Endrin ketone	0.92	U	1	0.21	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
7421-93-4	Endrin aldehyde	0.92	U	1	0.41	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
5103-71-9	alpha-Chlordane	0.37	J	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
5103-74-2	gamma-Chlordane	0.37	U	1	0.17	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 15:40	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	16.0			55 - 130		80%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			42 - 129		97%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30	135
		Tetrachloro-m-xyl	1	20	19.4	97		44	124
		Decachlorobiphen	2	20	20.3	102		30	135
		Tetrachloro-m-xyl	2	20	20.0	100		44	124
I.BLK-PD090753.D	PIBLK-PD090753.D	Decachlorobiphen	1	20	22.1	111		30	135
		Tetrachloro-m-xyl	1	20	19.9	99		44	124
		Decachlorobiphen	2	20	25.1	126		30	135
		Tetrachloro-m-xyl	2	20	20.7	104		44	124
PB170205BL	PB170205BL	Decachlorobiphen	1	20	21.5	107		55	130
		Tetrachloro-m-xyl	1	20	19.9	99		42	129
		Decachlorobiphen	2	20	24.3	121		55	130
		Tetrachloro-m-xyl	2	20	20.4	102		42	129
PB170205BS	PB170205BS	Decachlorobiphen	1	20	21.6	108		55	130
		Tetrachloro-m-xyl	1	20	16.9	84		42	129
		Decachlorobiphen	2	20	24.5	123		55	130
		Tetrachloro-m-xyl	2	20	17.3	86		42	129
Q3399-01	COMP-ROLLOFF	Decachlorobiphen	1	20	14.8	74		55	130
		Tetrachloro-m-xyl	1	20	18.3	91		42	129
		Decachlorobiphen	2	20	16.0	80		55	130
		Tetrachloro-m-xyl	2	20	19.4	97		42	129
I.BLK-PD090763.D	PIBLK-PD090763.D	Decachlorobiphen	1	20	21.0	105		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	21.0	105		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
Q3399-01MS	COMP-ROLLOFFMS	Decachlorobiphen	1	20	14.1	70		55	130
		Tetrachloro-m-xyl	1	20	17.7	89		42	129
		Decachlorobiphen	2	20	15.3	77		55	130
		Tetrachloro-m-xyl	2	20	19.1	96		42	129
Q3399-01MSD	COMP-ROLLOFFMSD	Decachlorobiphen	1	20	14.3	72		55	130
		Tetrachloro-m-xyl	1	20	17.5	88		42	129
		Decachlorobiphen	2	20	15.7	79		55	130
		Tetrachloro-m-xyl	2	20	19.4	97		42	129
I.BLK-PD090772.D	PIBLK-PD090772.D	Decachlorobiphen	1	20	21.4	107		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	24.0	120		30	135
		Tetrachloro-m-xyl	2	20	20.5	103		44	124

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090768.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3399-01MS (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	alpha-BHC	18.48	0	18.2	ug/kg	98				45	137	
	beta-BHC	18.48	0	17.5	ug/kg	95				50	136	
	delta-BHC	18.48	0	18.1	ug/kg	98				47	139	
	gamma-BHC (Lindane)	18.48	0	17.7	ug/kg	96				49	135	
	Heptachlor	18.48	0	20.9	ug/kg	113				47	136	
	Aldrin	18.48	0	17.8	ug/kg	96				45	136	
	Heptachlor epoxide	18.48	0	18.1	ug/kg	98				52	136	
	Endosulfan I	18.48	0	17.7	ug/kg	96				53	132	
	Dieldrin	18.48	0	18.0	ug/kg	97				56	136	
	4,4'-DDE	18.48	0.21	17.6	ug/kg	94				56	134	
	Endrin	18.48	0.19	17.9	ug/kg	96				57	140	
	Endosulfan II	18.48	0	16.8	ug/kg	91				53	134	
	4,4'-DDD	18.48	0	18.4	ug/kg	100				56	139	
	Endosulfan sulfate	18.48	0	17.4	ug/kg	94				55	136	
	4,4'-DDT	18.48	0.22	18.5	ug/kg	99				50	141	
	Methoxychlor	18.48	0	18.0	ug/kg	97				52	143	
	Endrin ketone	18.48	0	18.0	ug/kg	97				55	136	
	Endrin aldehyde	18.48	0	17.6	ug/kg	95				35	137	
	alpha-Chlordane	18.48	0.37	17.7	ug/kg	94				54	133	
	gamma-Chlordane	18.48	0	17.6	ug/kg	95				53	135	
Lab Sample ID:	**Q3399-01MS (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	alpha-BHC	18.48	0	17.6	ug/kg	95				45	137	
	beta-BHC	18.48	0	17.5	ug/kg	95				50	136	
	delta-BHC	18.48	0	17.7	ug/kg	96				47	139	
	gamma-BHC (Lindane)	18.48	0	17.6	ug/kg	95				49	135	
	Heptachlor	18.48	0	18.1	ug/kg	98				47	136	
	Aldrin	18.48	0	17.8	ug/kg	96				45	136	
	Heptachlor epoxide	18.48	0	17.6	ug/kg	95				52	136	
	Endosulfan I	18.48	0	17.7	ug/kg	96				53	132	
	Dieldrin	18.48	0.25	17.9	ug/kg	96				56	136	
	4,4'-DDE	18.48	0.18	18.0	ug/kg	96				56	134	
	Endrin	18.48	0.38	17.9	ug/kg	95				57	140	
	Endosulfan II	18.48	0	18.2	ug/kg	98				53	134	
	4,4'-DDD	18.48	0	17.4	ug/kg	94				56	139	
	Endosulfan sulfate	18.48	0	18.5	ug/kg	100				55	136	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090768.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	18.48	0.75	19.2	ug/kg	100				50	141	
Methoxychlor	18.48	0	18.9	ug/kg	102				52	143	
Endrin ketone	18.48	0	18.9	ug/kg	102				55	136	
Endrin aldehyde	18.48	0	18.3	ug/kg	99				35	137	
alpha-Chlordane	18.48	0.27	17.9	ug/kg	95				54	133	
gamma-Chlordane	18.48	0	17.9	ug/kg	97				53	135	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090769.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3399-01MSD (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	alpha-BHC	18.49	0	18.5	ug/kg	100		2		45	137	20
	beta-BHC	18.49	0	17.7	ug/kg	96		1		50	136	20
	delta-BHC	18.49	0	18.5	ug/kg	100		2		47	139	20
	gamma-BHC (Lindane)	18.49	0	18.0	ug/kg	97		1		49	135	20
	Heptachlor	18.49	0	21.3	ug/kg	115		2		47	136	20
	Aldrin	18.49	0	18.1	ug/kg	98		2		45	136	20
	Heptachlor epoxide	18.49	0	18.3	ug/kg	99		1		52	136	20
	Endosulfan I	18.49	0	18.0	ug/kg	97		1		53	132	20
	Dieldrin	18.49	0	18.3	ug/kg	99		2		56	136	20
	4,4'-DDE	18.49	0.21	18.1	ug/kg	97		3		56	134	20
	Endrin	18.49	0.19	18.3	ug/kg	98		2		57	140	20
	Endosulfan II	18.49	0	17.1	ug/kg	92		1		53	134	20
	4,4'-DDD	18.49	0	18.7	ug/kg	101		1		56	139	20
	Endosulfan sulfate	18.49	0	17.7	ug/kg	96		2		55	136	20
	4,4'-DDT	18.49	0.22	19.0	ug/kg	102		3		50	141	20
	Methoxychlor	18.49	0	18.3	ug/kg	99		2		52	143	20
	Endrin ketone	18.49	0	18.4	ug/kg	100		3		55	136	20
	Endrin aldehyde	18.49	0	18.0	ug/kg	97		2		35	137	20
	alpha-Chlordane	18.49	0.37	17.7	ug/kg	94		0		54	133	20
	gamma-Chlordane	18.49	0	17.9	ug/kg	97		2		53	135	20
Lab Sample ID:	**Q3399-01MSD (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	alpha-BHC	18.49	0	17.9	ug/kg	97		2		45	137	20
	beta-BHC	18.49	0	17.7	ug/kg	96		1		50	136	20
	delta-BHC	18.49	0	18.0	ug/kg	97		1		47	139	20
	gamma-BHC (Lindane)	18.49	0	17.9	ug/kg	97		2		49	135	20
	Heptachlor	18.49	0	18.3	ug/kg	99		1		47	136	20
	Aldrin	18.49	0	18.0	ug/kg	97		1		45	136	20
	Heptachlor epoxide	18.49	0	17.8	ug/kg	96		1		52	136	20
	Endosulfan I	18.49	0	17.9	ug/kg	97		1		53	132	20
	Dieldrin	18.49	0.25	18.2	ug/kg	97		1		56	136	20
	4,4'-DDE	18.49	0.18	18.3	ug/kg	98		2		56	134	20
	Endrin	18.49	0.38	18.0	ug/kg	95		0		57	140	20
	Endosulfan II	18.49	0	18.6	ug/kg	101		3		53	134	20
	4,4'-DDD	18.49	0	17.7	ug/kg	96		2		56	139	20
	Endosulfan sulfate	18.49	0	18.8	ug/kg	102		2		55	136	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090769.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	18.49	0.75	19.7	ug/kg	102		2		50	141	20
Methoxychlor	18.49	0	19.3	ug/kg	104		2		52	143	20
Endrin ketone	18.49	0	19.2	ug/kg	104		2		55	136	20
Endrin aldehyde	18.49	0	18.6	ug/kg	101		2		35	137	20
alpha-Chlordane	18.49	0.27	18.2	ug/kg	97		2		54	133	20
gamma-Chlordane	18.49	0	18.2	ug/kg	98		1		53	135	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **Datafile :** PD090757.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170205BS (Column 1)	alpha-BHC	16.65	15.0	ug/kg	90				45	137	
	beta-BHC	16.65	14.7	ug/kg	88				50	136	
	delta-BHC	16.65	15.2	ug/kg	91				47	139	
	gamma-BHC (Lindane)	16.65	14.9	ug/kg	89				49	135	
	Heptachlor	16.65	17.9	ug/kg	108				47	136	
	Aldrin	16.65	15.2	ug/kg	91				45	136	
	Heptachlor epoxide	16.65	15.4	ug/kg	92				52	136	
	Endosulfan I	16.65	15.2	ug/kg	91				53	132	
	Dieldrin	16.65	15.5	ug/kg	93				56	136	
	4,4'-DDE	16.65	15.0	ug/kg	90				56	134	
	Endrin	16.65	15.4	ug/kg	92				57	140	
	Endosulfan II	16.65	15.6	ug/kg	94				53	134	
	4,4'-DDD	16.65	16.1	ug/kg	97				56	139	
	Endosulfan sulfate	16.65	15.4	ug/kg	92				55	136	
	4,4'-DDT	16.65	16.2	ug/kg	97				50	141	
	Methoxychlor	16.65	16.0	ug/kg	96				52	143	
	Endrin ketone	16.65	15.8	ug/kg	95				55	136	
	Endrin aldehyde	16.65	15.8	ug/kg	95				35	137	
	alpha-Chlordane	16.65	14.8	ug/kg	89				54	133	
	gamma-Chlordane	16.65	15.1	ug/kg	91				53	135	
PB170205BS (Column 2)	alpha-BHC	16.65	14.8	ug/kg	89				45	137	
	beta-BHC	16.65	14.9	ug/kg	89				50	136	
	delta-BHC	16.65	15.1	ug/kg	91				47	139	
	gamma-BHC (Lindane)	16.65	14.9	ug/kg	89				49	135	
	Heptachlor	16.65	15.4	ug/kg	92				47	136	
	Aldrin	16.65	15.1	ug/kg	91				45	136	
	Heptachlor epoxide	16.65	15.1	ug/kg	91				52	136	
	Endosulfan I	16.65	14.9	ug/kg	89				53	132	
	Dieldrin	16.65	15.6	ug/kg	94				56	136	
	4,4'-DDE	16.65	15.5	ug/kg	93				56	134	
	Endrin	16.65	15.6	ug/kg	94				57	140	
	Endosulfan II	16.65	15.8	ug/kg	95				53	134	
	4,4'-DDD	16.65	15.9	ug/kg	95				56	139	
	Endosulfan sulfate	16.65	16.0	ug/kg	96				55	136	
	4,4'-DDT	16.65	16.5	ug/kg	99				50	141	
	Methoxychlor	16.65	16.5	ug/kg	99				52	143	
	Endrin ketone	16.65	16.8	ug/kg	101				55	136	
	Endrin aldehyde	16.65	16.2	ug/kg	97				35	137	
	alpha-Chlordane	16.65	15.3	ug/kg	92				54	133	
	gamma-Chlordane	16.65	15.3	ug/kg	92				53	135	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170205BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170205BL | Lab File ID: PD090756.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025 | Date Analyzed (2): 10/22/2025

Time Analyzed (1): 15:13 | Time Analyzed (2): 15:13

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170205BS	PB170205BS	PD090757.D	10/22/2025	10/22/2025
COMP-ROLLOFF	Q3399-01	PD090758.D	10/22/2025	10/22/2025
COMP-ROLLOFFMS	Q3399-01MS	PD090768.D	10/22/2025	10/22/2025
COMP-ROLLOFFMSD	Q3399-01MSD	PD090769.D	10/22/2025	10/22/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD090756.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170205BL	SDG No.:	Q3399
Lab Sample ID:	PB170205BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.33	U	1	0.13	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
319-85-7	beta-BHC	0.83	U	1	0.18	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
319-86-8	delta-BHC	0.83	U	1	0.39	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
58-89-9	gamma-BHC (Lindane)	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
76-44-8	Heptachlor	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
309-00-2	Aldrin	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
1024-57-3	Heptachlor epoxide	0.83	U	1	0.19	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
959-98-8	Endosulfan I	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
60-57-1	Dieldrin	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-55-9	4,4-DDE	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-20-8	Endrin	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
33213-65-9	Endosulfan II	0.83	U	1	0.29	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
72-54-8	4,4-DDD	0.33	U	1	0.15	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
1031-07-8	Endosulfan Sulfate	0.33	U	1	0.13	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
50-29-3	4,4-DDT	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-43-5	Methoxychlor	0.83	U	1	0.37	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
53494-70-5	Endrin ketone	0.83	U	1	0.19	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
7421-93-4	Endrin aldehyde	0.83	U	1	0.37	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
5103-71-9	alpha-Chlordane	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
5103-74-2	gamma-Chlordane	0.33	U	1	0.15	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
8001-35-2	Toxaphene	17.0	U	1	5.40	17.0	33.0	ug/kg	10/22/25 15:13	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.3			55 - 130		121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.4			42 - 129		102%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/17/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/17/25	pd101725
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.3			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			44 - 124		100%	SPK: 20		

U = Not Detected
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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090753.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090753.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	25.1			30 - 135		126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.7			44 - 124		104%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090763.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090763.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.0			30 - 135		105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090772.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090772.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.0			30 - 135		120%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090757.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170205BS	SDG No.:	Q3399
Lab Sample ID:	PB170205BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	15.0		1	0.13	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
319-85-7	beta-BHC	14.9		1	0.18	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
319-86-8	delta-BHC	15.2		1	0.39	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
58-89-9	gamma-BHC (Lindane)	14.9		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
76-44-8	Heptachlor	17.9		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
309-00-2	Aldrin	15.2		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
1024-57-3	Heptachlor epoxide	15.4		1	0.19	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
959-98-8	Endosulfan I	15.2		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
60-57-1	Dieldrin	15.6		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-55-9	4,4-DDE	15.5		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-20-8	Endrin	15.6		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
33213-65-9	Endosulfan II	15.8		1	0.29	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
72-54-8	4,4-DDD	16.1		1	0.15	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
1031-07-8	Endosulfan Sulfate	16.0		1	0.13	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
50-29-3	4,4-DDT	16.5		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-43-5	Methoxychlor	16.5		1	0.37	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
53494-70-5	Endrin ketone	16.8		1	0.19	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
7421-93-4	Endrin aldehyde	16.2		1	0.37	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
5103-71-9	alpha-Chlordane	15.3		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
5103-74-2	gamma-Chlordane	15.3		1	0.15	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
8001-35-2	Toxaphene	17.0	U	1	5.40	17.0	33.0	ug/kg	10/22/25 15:26	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.5			55 - 130		123%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			42 - 129		86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090768.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	18.2		1	0.14	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
319-85-7	beta-BHC	17.5		1	0.20	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
319-86-8	delta-BHC	18.1		1	0.43	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
58-89-9	gamma-BHC (Lindane)	17.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
76-44-8	Heptachlor	20.9		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
309-00-2	Aldrin	17.8		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
1024-57-3	Heptachlor epoxide	18.1		1	0.21	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
959-98-8	Endosulfan I	17.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
60-57-1	Dieldrin	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-55-9	4,4-DDE	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-20-8	Endrin	17.9		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
33213-65-9	Endosulfan II	18.2		1	0.32	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
72-54-8	4,4-DDD	18.4		1	0.17	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
1031-07-8	Endosulfan Sulfate	18.5		1	0.14	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
50-29-3	4,4-DDT	19.2		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-43-5	Methoxychlor	18.9		1	0.41	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
53494-70-5	Endrin ketone	18.9		1	0.21	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
7421-93-4	Endrin aldehyde	18.3		1	0.41	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
5103-71-9	alpha-Chlordane	17.9		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
5103-74-2	gamma-Chlordane	17.9		1	0.17	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 18:11	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	15.3			55 - 130		77%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.1			42 - 129		96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090769.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	18.5		1	0.14	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
319-85-7	beta-BHC	17.7		1	0.20	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
319-86-8	delta-BHC	18.5		1	0.43	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
58-89-9	gamma-BHC (Lindane)	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
76-44-8	Heptachlor	21.3		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
309-00-2	Aldrin	18.1		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
1024-57-3	Heptachlor epoxide	18.3		1	0.21	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
959-98-8	Endosulfan I	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
60-57-1	Dieldrin	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-55-9	4,4-DDE	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-20-8	Endrin	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
33213-65-9	Endosulfan II	18.6		1	0.32	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
72-54-8	4,4-DDD	18.7		1	0.17	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
1031-07-8	Endosulfan Sulfate	18.8		1	0.14	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
50-29-3	4,4-DDT	19.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-43-5	Methoxychlor	19.3		1	0.41	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
53494-70-5	Endrin ketone	19.2		1	0.21	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
7421-93-4	Endrin aldehyde	18.6		1	0.41	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
5103-71-9	alpha-Chlordane	18.2		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
5103-74-2	gamma-Chlordane	18.2		1	0.17	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 18:25	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	15.7			55 - 130		79%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			42 - 129		97%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.702	6.600	6.800	50.540	50.000	1.1
4,4'-DDE	6.192	6.090	6.290	47.660	50.000	-4.7
4,4'-DDT	7.018	6.915	7.115	50.860	50.000	1.7
Aldrin	5.265	5.164	5.364	48.440	50.000	-3.1
alpha-BHC	3.994	3.894	4.094	48.140	50.000	-3.7
alpha-Chlordane	6.022	5.921	6.121	48.240	50.000	-3.5
beta-BHC	4.513	4.412	4.612	47.070	50.000	-5.9
Decachlorobiphenyl	9.068	8.964	9.164	46.320	50.000	-7.4
delta-BHC	4.761	4.660	4.860	48.380	50.000	-3.2
Dieldrin	6.342	6.240	6.440	52.600	50.000	5.2
Endosulfan I	6.069	5.968	6.168	48.290	50.000	-3.4
Endosulfan II	6.783	6.681	6.881	48.960	50.000	-2.1
Endosulfan sulfate	7.146	7.045	7.245	48.270	50.000	-3.5
Endrin	6.570	6.468	6.668	47.990	50.000	-4.0
Endrin aldehyde	6.912	6.810	7.010	49.240	50.000	-1.5
Endrin ketone	7.627	7.525	7.725	49.560	50.000	-0.9
gamma-BHC (Lindane)	4.326	4.225	4.425	47.990	50.000	-4.0
gamma-Chlordane	5.941	5.840	6.040	48.010	50.000	-4.0
Heptachlor	4.924	4.823	5.023	57.070	50.000	14.1
Heptachlor epoxide	5.685	5.584	5.784	49.030	50.000	-1.9
Methoxychlor	7.490	7.388	7.588	49.890	50.000	-0.2
Tetrachloro-m-xylene	3.545	3.445	3.645	46.510	50.000	-7.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	50.670	50.000	1.3
4,4'-DDE	5.366	5.266	5.466	49.060	50.000	-1.9
4,4'-DDT	6.175	6.074	6.274	52.370	50.000	4.7
Aldrin	4.360	4.261	4.461	48.160	50.000	-3.7
alpha-BHC	3.386	3.287	3.487	47.870	50.000	-4.3
alpha-Chlordane	5.181	5.081	5.281	48.660	50.000	-2.7
beta-BHC	4.018	3.919	4.119	47.530	50.000	-4.9
Decachlorobiphenyl	8.062	7.962	8.162	54.910	50.000	9.8
delta-BHC	4.254	4.155	4.355	48.500	50.000	-3.0
Dieldrin	5.504	5.404	5.604	48.850	50.000	-2.3
Endosulfan I	5.238	5.138	5.338	48.350	50.000	-3.3
Endosulfan II	6.072	5.972	6.172	50.380	50.000	0.8
Endosulfan sulfate	6.474	6.374	6.574	50.840	50.000	1.7
Endrin	5.781	5.681	5.881	48.490	50.000	-3.0
Endrin aldehyde	6.251	6.150	6.350	51.380	50.000	2.8
Endrin ketone	6.983	6.883	7.083	53.380	50.000	6.8
gamma-BHC (Lindane)	3.722	3.623	3.823	49.500	50.000	-1.0
gamma-Chlordane	5.117	5.017	5.217	48.880	50.000	-2.2
Heptachlor	4.074	3.975	4.175	49.470	50.000	-1.1
Heptachlor epoxide	4.864	4.764	4.964	47.790	50.000	-4.4
Methoxychlor	6.745	6.645	6.845	52.980	50.000	6.0
Tetrachloro-m-xylene	2.874	2.775	2.975	47.350	50.000	-5.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.701	6.600	6.800	48.540	50.000	-2.9
4,4'-DDE	6.191	6.090	6.290	45.890	50.000	-8.2
4,4'-DDT	7.016	6.915	7.115	47.220	50.000	-5.6
Aldrin	5.265	5.164	5.364	47.430	50.000	-5.1
alpha-BHC	3.994	3.894	4.094	47.810	50.000	-4.4
alpha-Chlordane	6.022	5.921	6.121	45.360	50.000	-9.3
beta-BHC	4.513	4.412	4.612	46.500	50.000	-7.0
Decachlorobiphenyl	9.067	8.964	9.164	44.170	50.000	-11.7
delta-BHC	4.761	4.660	4.860	47.540	50.000	-4.9
Dieldrin	6.342	6.240	6.440	50.320	50.000	0.6
Endosulfan I	6.069	5.968	6.168	46.400	50.000	-7.2
Endosulfan II	6.782	6.681	6.881	46.850	50.000	-6.3
Endosulfan sulfate	7.146	7.045	7.245	45.950	50.000	-8.1
Endrin	6.569	6.468	6.668	46.250	50.000	-7.5
Endrin aldehyde	6.911	6.810	7.010	46.610	50.000	-6.8
Endrin ketone	7.627	7.525	7.725	46.940	50.000	-6.1
gamma-BHC (Lindane)	4.324	4.225	4.425	47.530	50.000	-4.9
gamma-Chlordane	5.941	5.840	6.040	46.490	50.000	-7.0
Heptachlor	4.923	4.823	5.023	55.620	50.000	11.2
Heptachlor epoxide	5.685	5.584	5.784	46.870	50.000	-6.3
Methoxychlor	7.489	7.388	7.588	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.544	3.445	3.645	46.320	50.000	-7.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	48.200	50.000	-3.6
4,4'-DDE	5.366	5.266	5.466	47.300	50.000	-5.4
4,4'-DDT	6.174	6.074	6.274	48.220	50.000	-3.6
Aldrin	4.360	4.261	4.461	47.330	50.000	-5.3
alpha-BHC	3.386	3.287	3.487	47.470	50.000	-5.1
alpha-Chlordane	5.181	5.081	5.281	47.290	50.000	-5.4
beta-BHC	4.018	3.919	4.119	47.020	50.000	-6.0
Decachlorobiphenyl	8.061	7.962	8.162	48.710	50.000	-2.6
delta-BHC	4.254	4.155	4.355	47.810	50.000	-4.4
Dieldrin	5.503	5.404	5.604	47.130	50.000	-5.7
Endosulfan I	5.238	5.138	5.338	46.640	50.000	-6.7
Endosulfan II	6.072	5.972	6.172	47.490	50.000	-5.0
Endosulfan sulfate	6.474	6.374	6.574	47.640	50.000	-4.7
Endrin	5.780	5.681	5.881	46.650	50.000	-6.7
Endrin aldehyde	6.250	6.150	6.350	47.580	50.000	-4.8
Endrin ketone	6.983	6.883	7.083	48.300	50.000	-3.4
gamma-BHC (Lindane)	3.722	3.623	3.823	48.880	50.000	-2.2
gamma-Chlordane	5.116	5.017	5.217	47.570	50.000	-4.9
Heptachlor	4.074	3.975	4.175	48.710	50.000	-2.6
Heptachlor epoxide	4.864	4.764	4.964	46.510	50.000	-7.0
Methoxychlor	6.745	6.645	6.845	48.070	50.000	-3.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.070	50.000	-5.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	51.820	50.000	3.6
4,4'-DDE	6.190	6.090	6.290	48.730	50.000	-2.5
4,4'-DDT	7.016	6.915	7.115	50.780	50.000	1.6
Aldrin	5.264	5.164	5.364	49.570	50.000	-0.9
alpha-BHC	3.994	3.894	4.094	49.430	50.000	-1.1
alpha-Chlordane	6.021	5.921	6.121	48.200	50.000	-3.6
beta-BHC	4.512	4.412	4.612	48.100	50.000	-3.8
Decachlorobiphenyl	9.066	8.964	9.164	48.090	50.000	-3.8
delta-BHC	4.760	4.660	4.860	49.750	50.000	-0.5
Dieldrin	6.341	6.240	6.440	53.220	50.000	6.4
Endosulfan I	6.068	5.968	6.168	49.150	50.000	-1.7
Endosulfan II	6.781	6.681	6.881	49.660	50.000	-0.7
Endosulfan sulfate	7.145	7.045	7.245	49.130	50.000	-1.7
Endrin	6.568	6.468	6.668	49.010	50.000	-2.0
Endrin aldehyde	6.910	6.810	7.010	49.600	50.000	-0.8
Endrin ketone	7.625	7.525	7.725	50.440	50.000	0.9
gamma-BHC (Lindane)	4.324	4.225	4.425	49.170	50.000	-1.7
gamma-Chlordane	5.939	5.840	6.040	49.270	50.000	-1.5
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.685	5.584	5.784	49.640	50.000	-0.7
Methoxychlor	7.489	7.388	7.588	49.960	50.000	-0.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.760	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	51.850	50.000	3.7
4,4'-DDE	5.365	5.266	5.466	49.630	50.000	-0.7
4,4'-DDT	6.174	6.074	6.274	51.950	50.000	3.9
Aldrin	4.360	4.261	4.461	48.750	50.000	-2.5
alpha-BHC	3.385	3.287	3.487	48.890	50.000	-2.2
alpha-Chlordane	5.181	5.081	5.281	49.370	50.000	-1.3
beta-BHC	4.018	3.919	4.119	48.510	50.000	-3.0
Decachlorobiphenyl	8.061	7.962	8.162	55.760	50.000	11.5
delta-BHC	4.254	4.155	4.355	49.470	50.000	-1.1
Dieldrin	5.503	5.404	5.604	50.610	50.000	1.2
Endosulfan I	5.238	5.138	5.338	48.830	50.000	-2.3
Endosulfan II	6.072	5.972	6.172	51.180	50.000	2.4
Endosulfan sulfate	6.473	6.374	6.574	51.930	50.000	3.9
Endrin	5.780	5.681	5.881	49.660	50.000	-0.7
Endrin aldehyde	6.250	6.150	6.350	51.550	50.000	3.1
Endrin ketone	6.982	6.883	7.083	53.780	50.000	7.6
gamma-BHC (Lindane)	3.722	3.623	3.823	50.230	50.000	0.5
gamma-Chlordane	5.116	5.017	5.217	49.480	50.000	-1.0
Heptachlor	4.073	3.975	4.175	49.520	50.000	-1.0
Heptachlor epoxide	4.863	4.764	4.964	48.340	50.000	-3.3
Methoxychlor	6.744	6.645	6.845	53.040	50.000	6.1
Tetrachloro-m-xylene	2.874	2.775	2.975	48.360	50.000	-3.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	22.040	20.000	10.2
Tetrachloro-m-xylene	3.544	3.490	3.590	20.920	20.000	4.6
alpha-BHC	3.994	3.940	4.040	8.790	10.000	-12.1
beta-BHC	4.513	4.460	4.560	10.210	10.000	2.1
gamma-BHC (Lindane)	4.325	4.270	4.380	9.200	10.000	-8.0
Endrin	6.570	6.500	6.640	48.180	50.000	-3.6
4,4'-DDT	7.018	6.950	7.090	100.910	100.000	0.9
Methoxychlor	7.491	7.420	7.560	235.430	250.000	-5.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	25.380	20.000	26.9
Tetrachloro-m-xylene	2.873	2.820	2.920	21.110	20.000	5.6
alpha-BHC	3.385	3.330	3.440	10.320	10.000	3.2
beta-BHC	4.017	3.970	4.070	10.570	10.000	5.7
gamma-BHC (Lindane)	3.721	3.670	3.770	10.640	10.000	6.4
Endrin	5.779	5.710	5.850	49.190	50.000	-1.6
4,4'-DDT	6.173	6.100	6.240	103.470	100.000	3.5
Methoxychlor	6.745	6.670	6.820	217.530	250.000	-13.0

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	9.08	3.55
PEM	PEM	10/22/2025	14:45	PD090754.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	9.07	3.55
PB170205BL	PB170205BL	10/22/2025	15:13	PD090756.D	9.07	3.54
PB170205BS	PB170205BS	10/22/2025	15:26	PD090757.D	9.07	3.54
COMP-ROLLOFF	Q3399-01	10/22/2025	15:40	PD090758.D	9.07	3.54
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	9.07	3.54
COMP-ROLLOFFMS	Q3399-01MS	10/22/2025	18:11	PD090768.D	9.07	3.54
COMP-ROLLOFFMSD	Q3399-01MSD	10/22/2025	18:25	PD090769.D	9.07	3.54
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	9.07	3.54

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Fax : 908 789 8922

Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	8.06	2.87
PEM	PEM	10/22/2025	14:45	PD090754.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	8.06	2.87
PB170205BL	PB170205BL	10/22/2025	15:13	PD090756.D	8.06	2.87
PB170205BS	PB170205BS	10/22/2025	15:26	PD090757.D	8.06	2.87
COMP-ROLLOFF	Q3399-01	10/22/2025	15:40	PD090758.D	8.06	2.87
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	8.06	2.87
COMP-ROLLOFFMS	Q3399-01MS	10/22/2025	18:11	PD090768.D	8.06	2.87
COMP-ROLLOFFMSD	Q3399-01MSD	10/22/2025	18:25	PD090769.D	8.06	2.87
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFF

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01 **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.57	6.52	6.62	0.19	68.4
	2	5.78	5.73	5.83	0.38	
4,4'-DDT	1	7.02	6.97	7.07	0.22	109.1
	2	6.17	6.12	6.22	0.75	
alpha-Chlordane	1	6.02	5.97	6.07	0.37	32.6
	2	5.18	5.13	5.23	0.27	
4,4'-DDE	1	6.19	6.14	6.24	0.21	13.3
	2	5.37	5.32	5.42	0.18	

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
COMP-ROLLOFFMS

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab Sample ID: Q3399-01MS
Date(s) Analyzed: 10/22/2025 10/22/2025
Instrument ID (1): ECD_D
Instrument ID (2): ECD_D
GC Column: (1): ZB-MR1 **ID:** 0.32 (mm)
GC Column:(2): ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	18.4	5.6
	2	5.92	5.87	5.97	17.4	
4,4'-DDT	1	7.02	6.97	7.07	18.5	3.7
	2	6.17	6.12	6.22	19.2	
alpha-BHC	1	3.99	3.94	4.04	18.2	3.4
	2	3.39	3.34	3.44	17.6	
Aldrin	1	5.26	5.21	5.31	17.8	0
	2	4.36	4.31	4.41	17.8	
beta-BHC	1	4.51	4.46	4.56	17.5	0
	2	4.02	3.97	4.07	17.5	
delta-BHC	1	4.76	4.71	4.81	18.1	2.2
	2	4.26	4.21	4.31	17.7	
Endosulfan I	1	6.07	6.02	6.12	17.7	0
	2	5.24	5.19	5.29	17.7	
alpha-Chlordane	1	6.02	5.97	6.07	17.7	1.1
	2	5.18	5.13	5.23	17.9	
4,4'-DDE	1	6.19	6.14	6.24	17.6	2.2
	2	5.37	5.32	5.42	18.0	
Dieldrin	1	6.34	6.29	6.39	18.0	0.6
	2	5.50	5.45	5.55	17.9	
Endosulfan II	1	6.78	6.73	6.83	16.8	8
	2	6.07	6.02	6.12	18.2	
Endrin aldehyde	1	6.91	6.86	6.96	17.6	3.9
	2	6.25	6.20	6.30	18.3	
Endosulfan sulfate	1	7.15	7.10	7.20	17.4	6.1
	2	6.47	6.42	6.52	18.5	
Methoxychlor	1	7.49	7.44	7.54	18.0	4.9
	2	6.75	6.70	6.80	18.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01MS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	18.0	4.9
	2	6.98	6.93	7.03	18.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.7	0.6
	2	3.72	3.67	3.77	17.6	
Heptachlor	1	4.92	4.87	4.97	20.9	14.4
	2	4.08	4.03	4.13	18.1	
Heptachlor epoxide	1	5.69	5.64	5.74	18.1	2.8
	2	4.86	4.81	4.91	17.6	
gamma-Chlordane	1	5.94	5.89	5.99	17.6	1.7
	2	5.12	5.07	5.17	17.9	
Endrin	1	6.57	6.52	6.62	17.9	0
	2	5.78	5.73	5.83	17.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01MSD **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	17.1	8.4
	2	6.07	6.02	6.12	18.6	
4,4'-DDD	1	6.70	6.65	6.75	18.7	5.5
	2	5.92	5.87	5.97	17.7	
4,4'-DDT	1	7.02	6.97	7.07	19.0	3.6
	2	6.17	6.12	6.22	19.7	
Endrin aldehyde	1	6.91	6.86	6.96	18.0	3.3
	2	6.25	6.20	6.30	18.6	
Endosulfan sulfate	1	7.15	7.10	7.20	17.7	6
	2	6.47	6.42	6.52	18.8	
Methoxychlor	1	7.49	7.44	7.54	18.3	5.3
	2	6.75	6.70	6.80	19.3	
Endrin ketone	1	7.63	7.58	7.68	18.4	4.3
	2	6.98	6.93	7.03	19.2	
alpha-BHC	1	3.99	3.94	4.04	18.5	3.3
	2	3.39	3.34	3.44	17.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.0	0.6
	2	3.72	3.67	3.77	17.9	
Heptachlor	1	4.92	4.87	4.97	21.3	15.2
	2	4.08	4.03	4.13	18.3	
Aldrin	1	5.26	5.21	5.31	18.1	0.6
	2	4.36	4.31	4.41	18.0	
beta-BHC	1	4.51	4.46	4.56	17.7	0
	2	4.02	3.97	4.07	17.7	
delta-BHC	1	4.76	4.71	4.81	18.5	2.7
	2	4.26	4.21	4.31	18.0	
Heptachlor epoxide	1	5.69	5.64	5.74	18.3	2.8
	2	4.86	4.81	4.91	17.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01MSD **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	18.0	0.6
	2	5.24	5.19	5.29	17.9	
gamma-Chlordane	1	5.94	5.89	5.99	17.9	1.7
	2	5.12	5.07	5.17	18.2	
alpha-Chlordane	1	6.02	5.97	6.07	17.7	2.8
	2	5.18	5.13	5.23	18.2	
4,4'-DDE	1	6.19	6.14	6.24	18.1	1.1
	2	5.37	5.32	5.42	18.3	
Dieldrin	1	6.34	6.29	6.39	18.3	0.5
	2	5.50	5.45	5.55	18.2	
Endrin	1	6.57	6.52	6.62	18.3	1.7
	2	5.78	5.73	5.83	18.0	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170205BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170205BS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	16.1	1.3
	2	5.92	5.87	5.97	15.9	
4,4'-DDE	1	6.19	6.14	6.24	15.0	3.3
	2	5.37	5.32	5.42	15.5	
4,4'-DDT	1	7.02	6.97	7.07	16.2	1.8
	2	6.17	6.12	6.22	16.5	
alpha-BHC	1	3.99	3.94	4.04	15.0	1.3
	2	3.39	3.34	3.44	14.8	
Aldrin	1	5.26	5.21	5.31	15.2	0.7
	2	4.36	4.31	4.41	15.1	
alpha-Chlordane	1	6.02	5.97	6.07	14.8	3.3
	2	5.18	5.13	5.23	15.3	
Endosulfan II	1	6.78	6.73	6.83	15.6	1.3
	2	6.07	6.02	6.12	15.8	
Endosulfan sulfate	1	7.15	7.10	7.20	15.4	3.8
	2	6.47	6.42	6.52	16.0	
beta-BHC	1	4.51	4.46	4.56	14.7	1.4
	2	4.02	3.97	4.07	14.9	
delta-BHC	1	4.76	4.71	4.81	15.2	0.7
	2	4.26	4.21	4.31	15.1	
Endosulfan I	1	6.07	6.02	6.12	15.2	2
	2	5.24	5.19	5.29	14.9	
Dieldrin	1	6.34	6.29	6.39	15.5	0.6
	2	5.50	5.45	5.55	15.6	
Endrin aldehyde	1	6.91	6.86	6.96	15.8	2.5
	2	6.25	6.20	6.30	16.2	
Methoxychlor	1	7.49	7.44	7.54	16.0	3.1
	2	6.75	6.70	6.80	16.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170205BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170205BS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	15.8	6.1
	2	6.98	6.93	7.03	16.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.9	0
	2	3.72	3.67	3.77	14.9	
Heptachlor	1	4.92	4.87	4.97	17.9	15
	2	4.08	4.03	4.13	15.4	
Heptachlor epoxide	1	5.69	5.64	5.74	15.4	2
	2	4.86	4.81	4.91	15.1	
gamma-Chlordane	1	5.94	5.89	5.99	15.1	1.3
	2	5.12	5.07	5.17	15.3	
Endrin	1	6.57	6.52	6.62	15.4	1.3
	2	5.78	5.73	5.83	15.6	

SAMPLE RAW DATA

Sample Results: **PD090758.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:40
Operator : AR\AJ
Sample : Q3399-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 12:25:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.873	56865197	576.8E6	18.260m	19.369
28)	SA Decachlor...	9.069	8.063	69161925	485.5E6	14.785	16.028
	Target Compounds						
10)	B gamma-Chl...	5.942	5.117	1658575	13259181	0.280	0.295
11)	B alpha-Chl...	6.021	5.182	6161942	31133470	0.997	0.722 #
12)	B 4,4'-DDE	6.191	5.366	2962743	21426427	0.556	0.489
13)	MA Dieldrin	6.341	5.501	1168188	29786418	0.200m	0.674m#
14)	MA Endrin	6.570	5.783	2492609	41471793	0.503m	1.024m#
17)	MA 4,4'-DDT	7.017	6.173	2467837	71467482	0.600	2.038 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

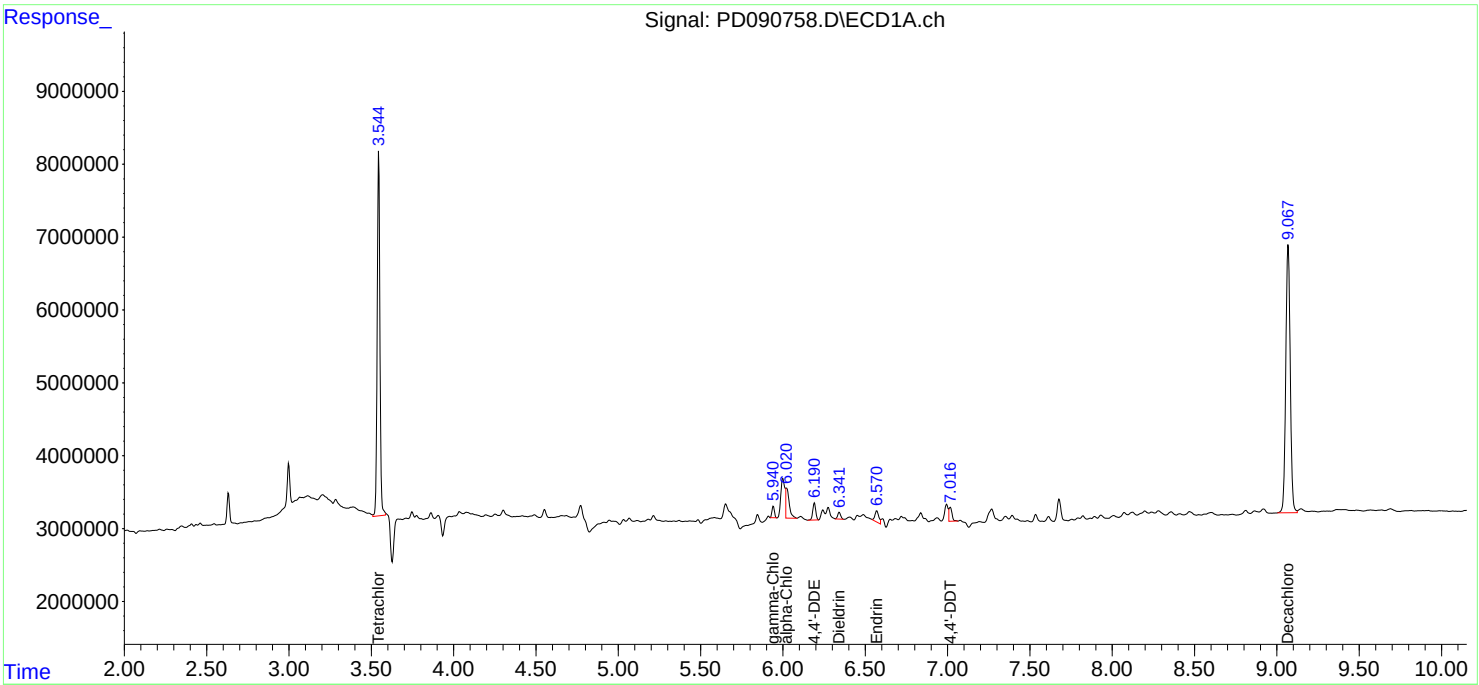
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:40
Operator : AR\AJ
Sample : Q3399-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

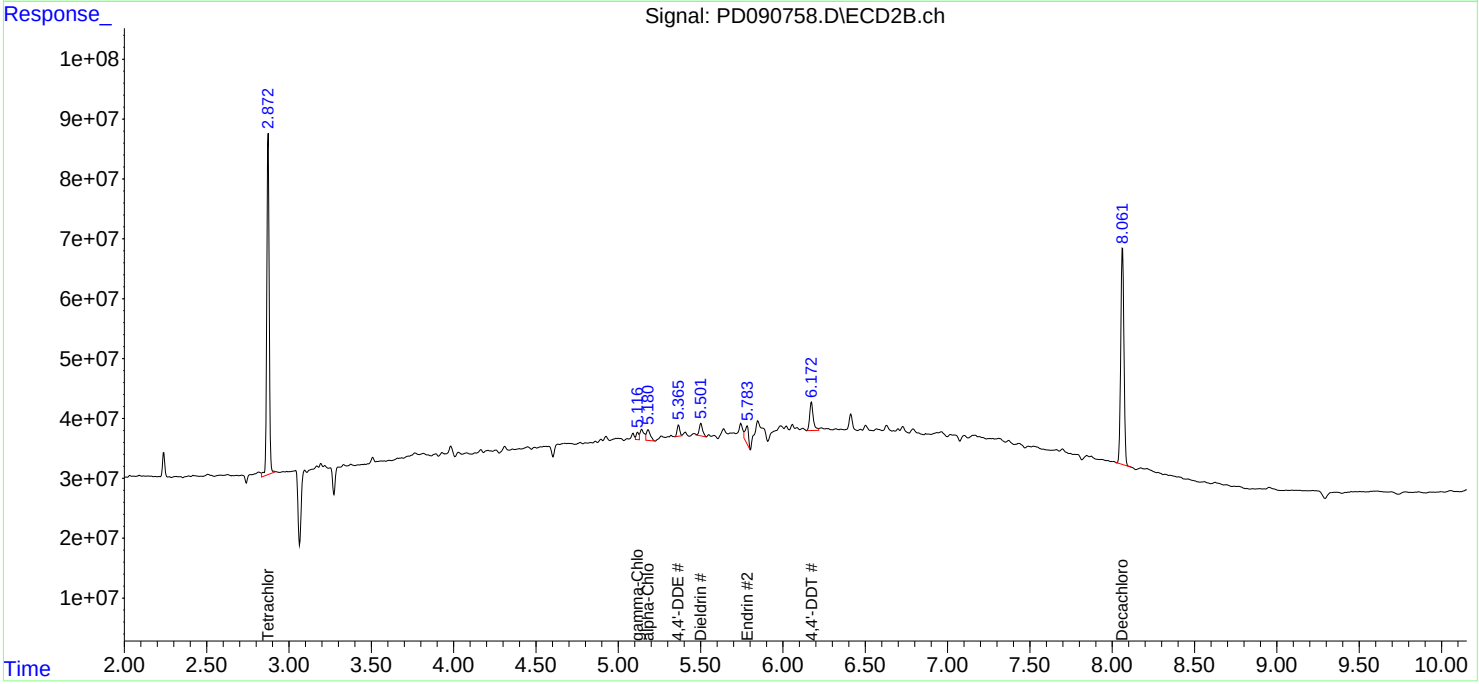
Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

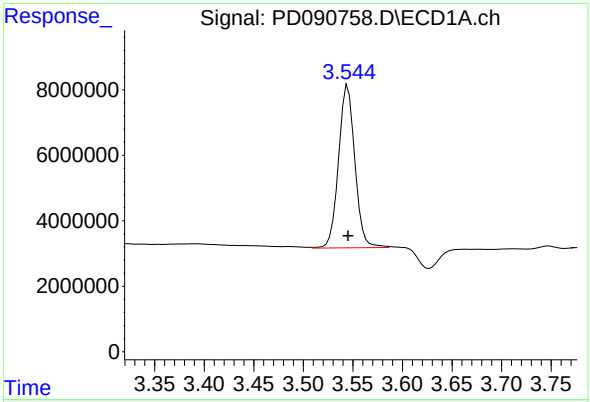
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 12:25:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







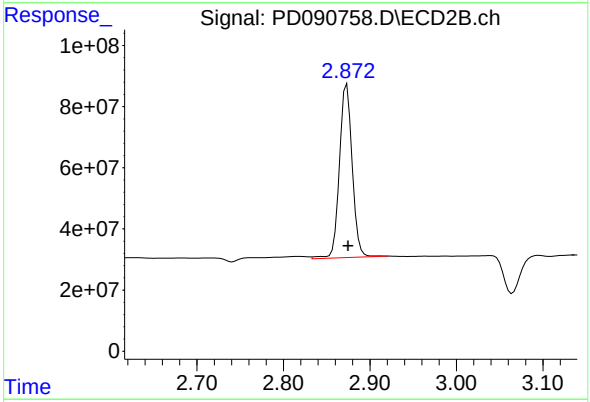
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 56865197
Conc: 18.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

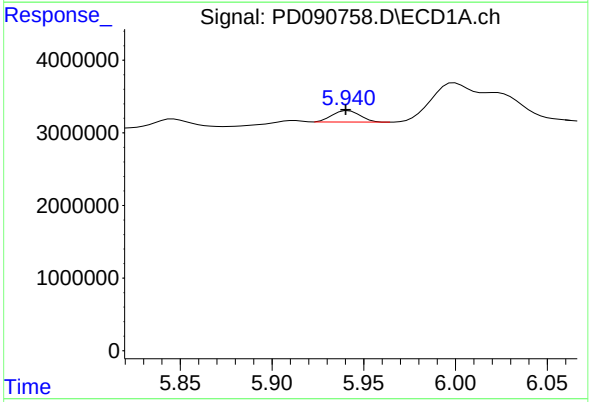
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025



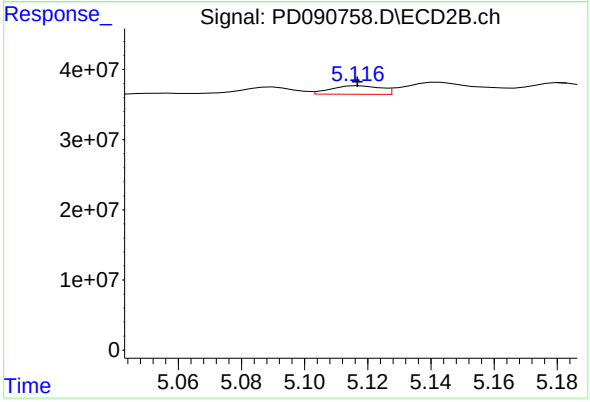
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 576762882
Conc: 19.37 ng/ml



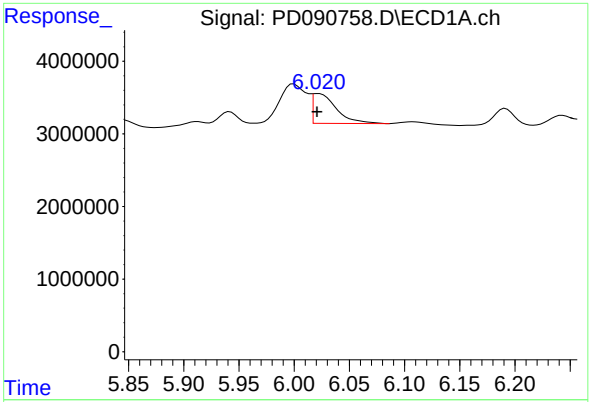
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 1658575
Conc: 0.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 13259181
Conc: 0.29 ng/ml



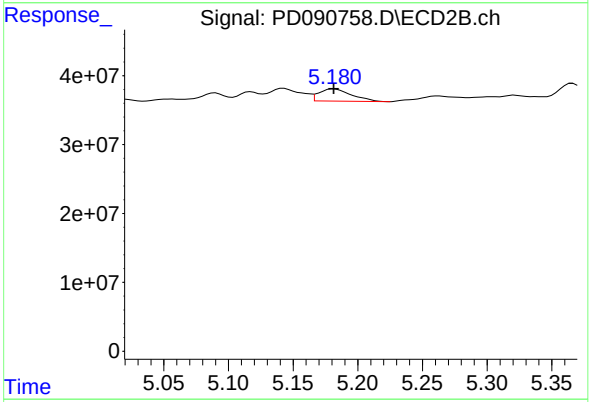
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 6161942
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

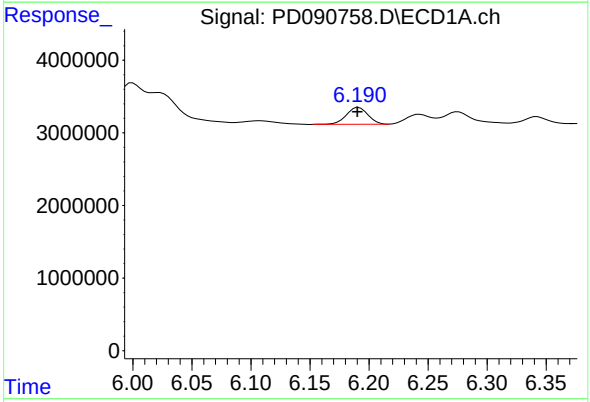
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025



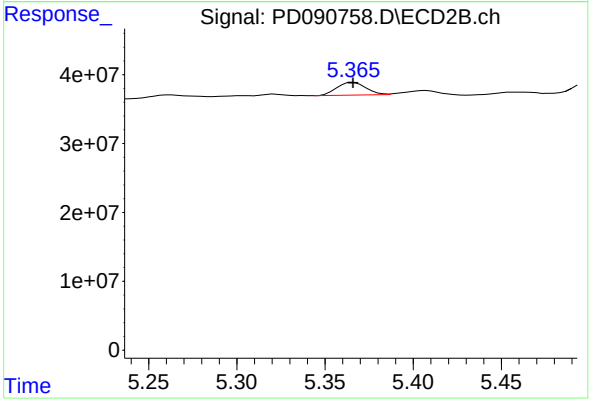
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 31133470
Conc: 0.72 ng/ml



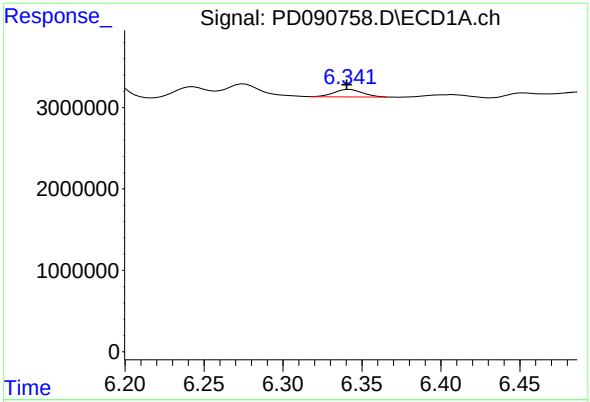
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 2962743
Conc: 0.56 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 21426427
Conc: 0.49 ng/ml



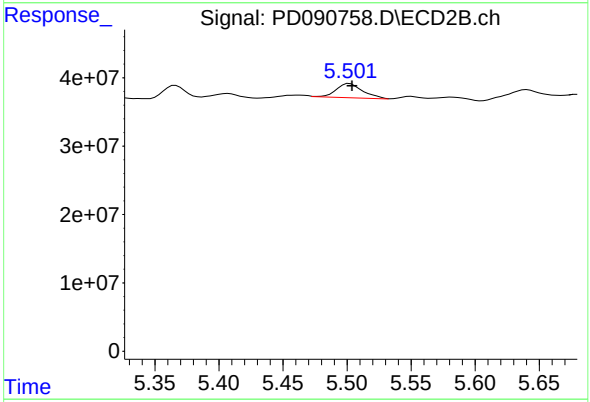
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 1168188
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

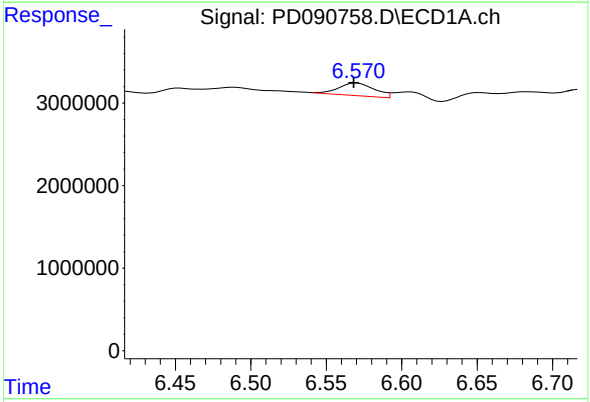
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025



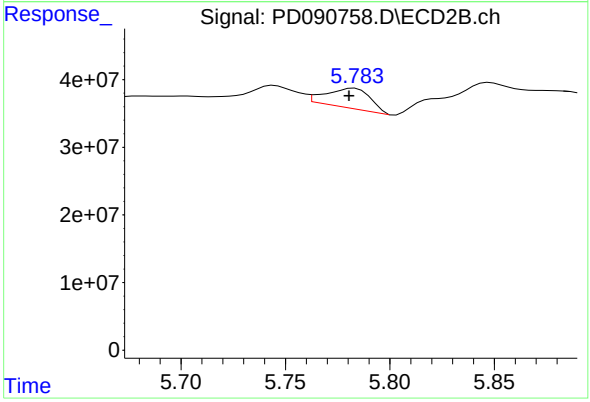
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 29786418
Conc: 0.67 ng/ml m



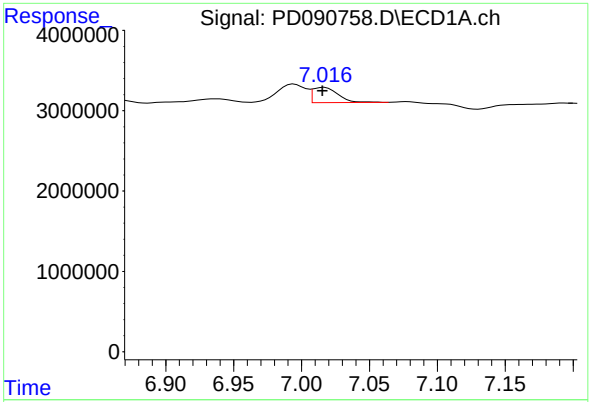
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 2492609
Conc: 0.50 ng/ml m



#14 Endrin

R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 41471793
Conc: 1.02 ng/ml m



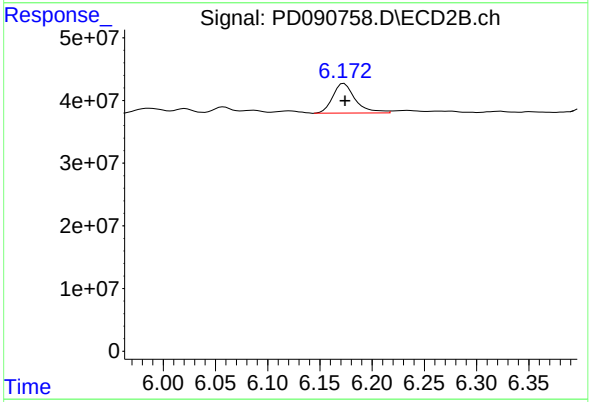
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 2467837
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

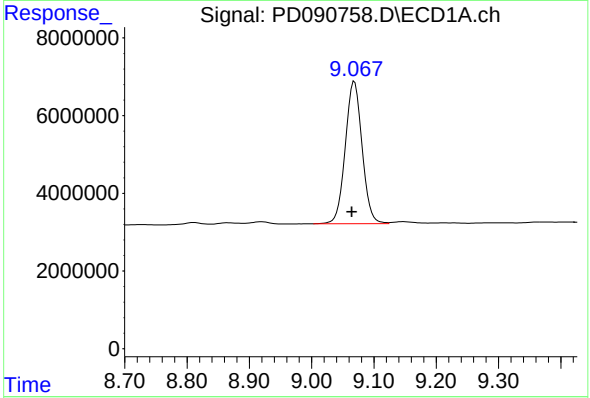
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025



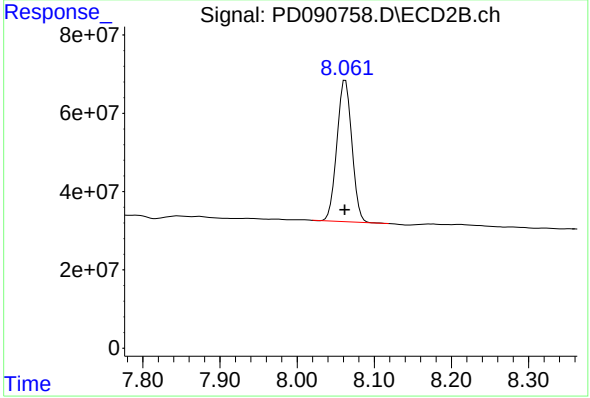
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 71467482
Conc: 2.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.005 min
Response: 69161925
Conc: 14.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 485518279
Conc: 16.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:13
Operator : AR\AJ
Sample : PB170205BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170205BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:22:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	61840766	608.5E6	19.858	20.434
28)	SA Decachlor...	9.067	8.062	100.5E6	736.0E6	21.487	24.299
	Target Compounds						

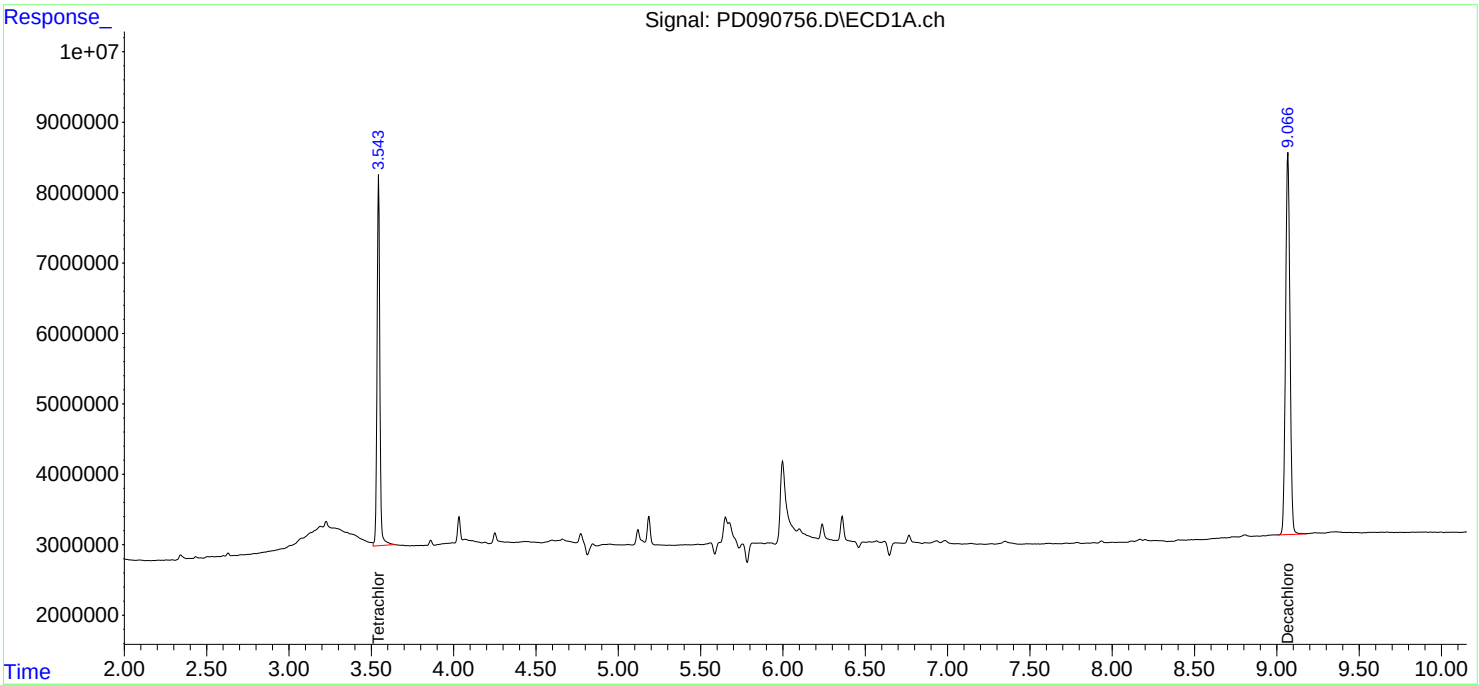
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

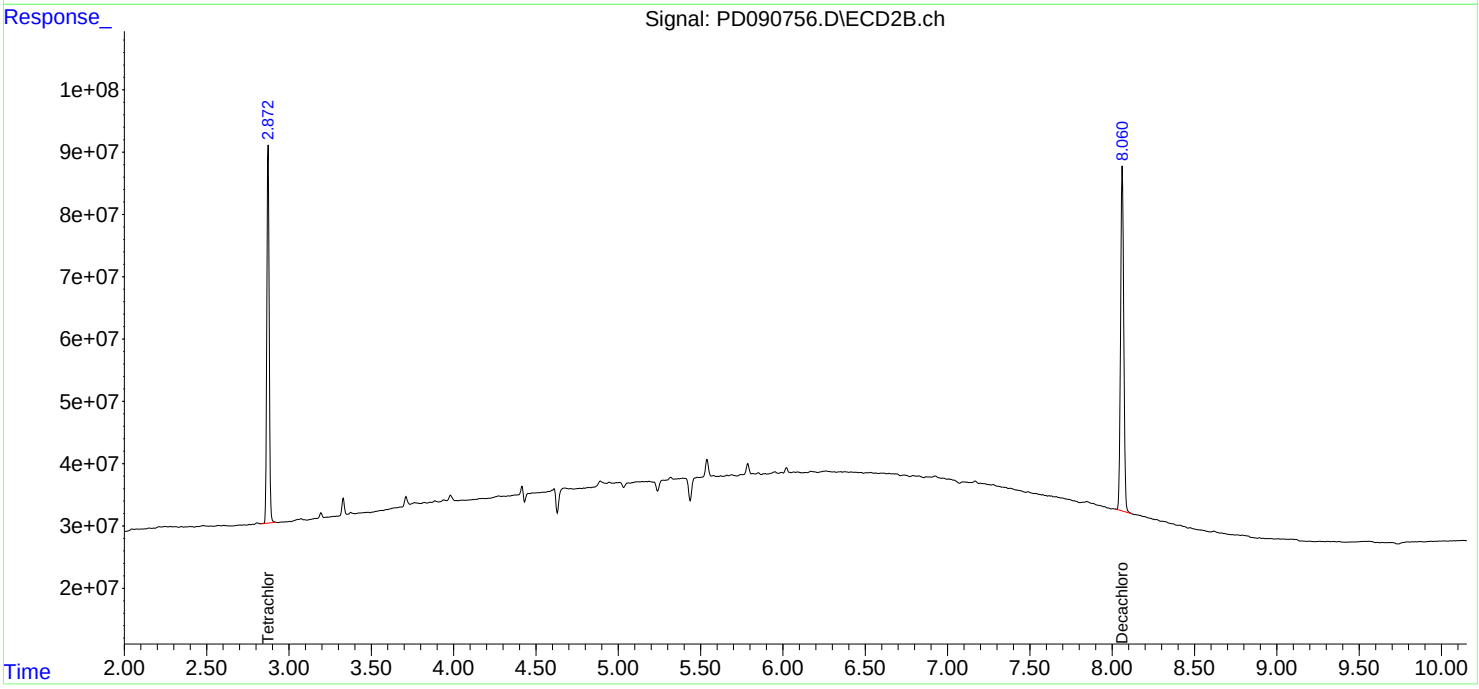
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:13
Operator : AR\AJ
Sample : PB170205BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

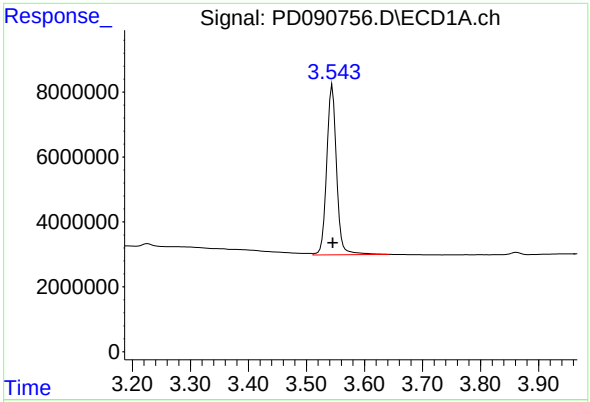
Instrument :
ECD_D
ClientSampleId :
PB170205BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:22:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



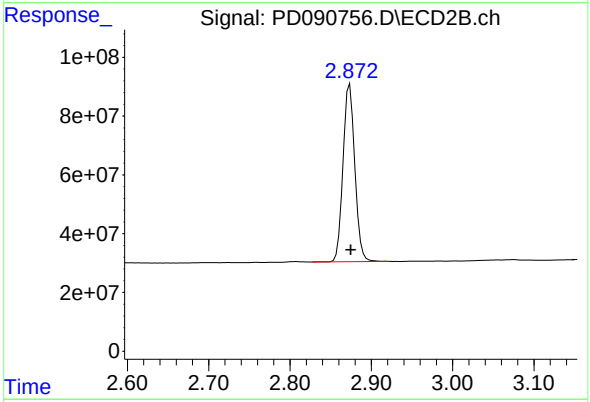




#1 Tetrachloro-m-xylene

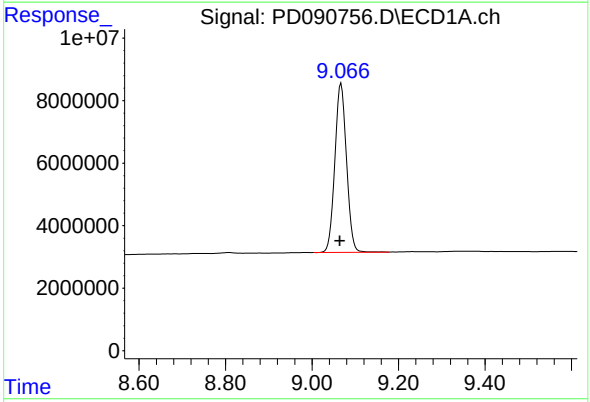
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 61840766
Conc: 19.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170205BL



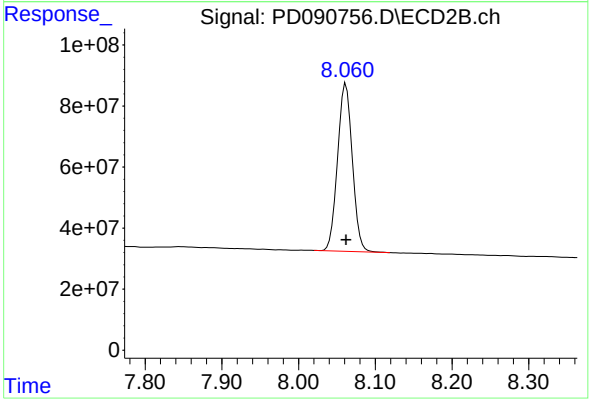
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 608479551
Conc: 20.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 100514162
Conc: 21.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 736049267
Conc: 24.30 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:26
Operator : AR\AJ
Sample : PB170205BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170205BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:22:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.873	52460372	514.1E6	16.846	17.266
28)	SA Decachlor...	9.067	8.062	101.0E6	743.2E6	21.596	24.536
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	324.2E6	2276.5E6	45.167	44.553
3)	MA gamma-BHC...	4.325	3.722	305.1E6	2117.3E6	44.880	44.811
4)	MA Heptachlor	4.923	4.075	300.8E6	2063.8E6	53.818	46.271
5)	MB Aldrin	5.264	4.360	297.9E6	2099.6E6	45.504	45.329
6)	B beta-BHC	4.512	4.018	116.0E6	889.1E6	44.284	44.835
7)	B delta-BHC	4.760	4.255	308.4E6	2160.5E6	45.606	45.278
8)	B Heptachlo...	5.685	4.864	267.0E6	1933.7E6	46.122	45.350
9)	A Endosulfan I	6.068	5.238	253.5E6	1765.2E6	45.788	44.814
10)	B gamma-Chl...	5.940	5.116	269.8E6	2068.4E6	45.490	46.017
11)	B alpha-Chl...	6.021	5.181	274.3E6	1983.4E6	44.377	45.979
12)	B 4,4'-DDE	6.190	5.365	240.2E6	2036.5E6	45.096	46.454
13)	MA Dieldrin	6.341	5.503	271.2E6	2072.0E6	46.509	46.895
14)	MA Endrin	6.568	5.780	228.9E6	1894.3E6	46.206	46.779
15)	B Endosulfa...	6.781	6.072	234.1E6	1779.6E6	46.814	47.386
16)	A 4,4'-DDD	6.700	5.921	196.3E6	1738.1E6	48.426	47.700
17)	MA 4,4'-DDT	7.016	6.174	199.6E6	1733.1E6	48.561	49.415
18)	B Endrin al...	6.910	6.250	174.1E6	1350.3E6	47.527	48.762
19)	B Endosulfa...	7.145	6.474	214.1E6	1725.0E6	46.168	48.125
20)	A Methoxychlor	7.490	6.745	101.9E6	862.7E6	47.917	49.504
21)	B Endrin ke...	7.625	6.983	229.8E6	1904.4E6	47.298	50.492
22)	Mirex	8.109	7.175	158.9E6	1361.8E6	49.646	53.006

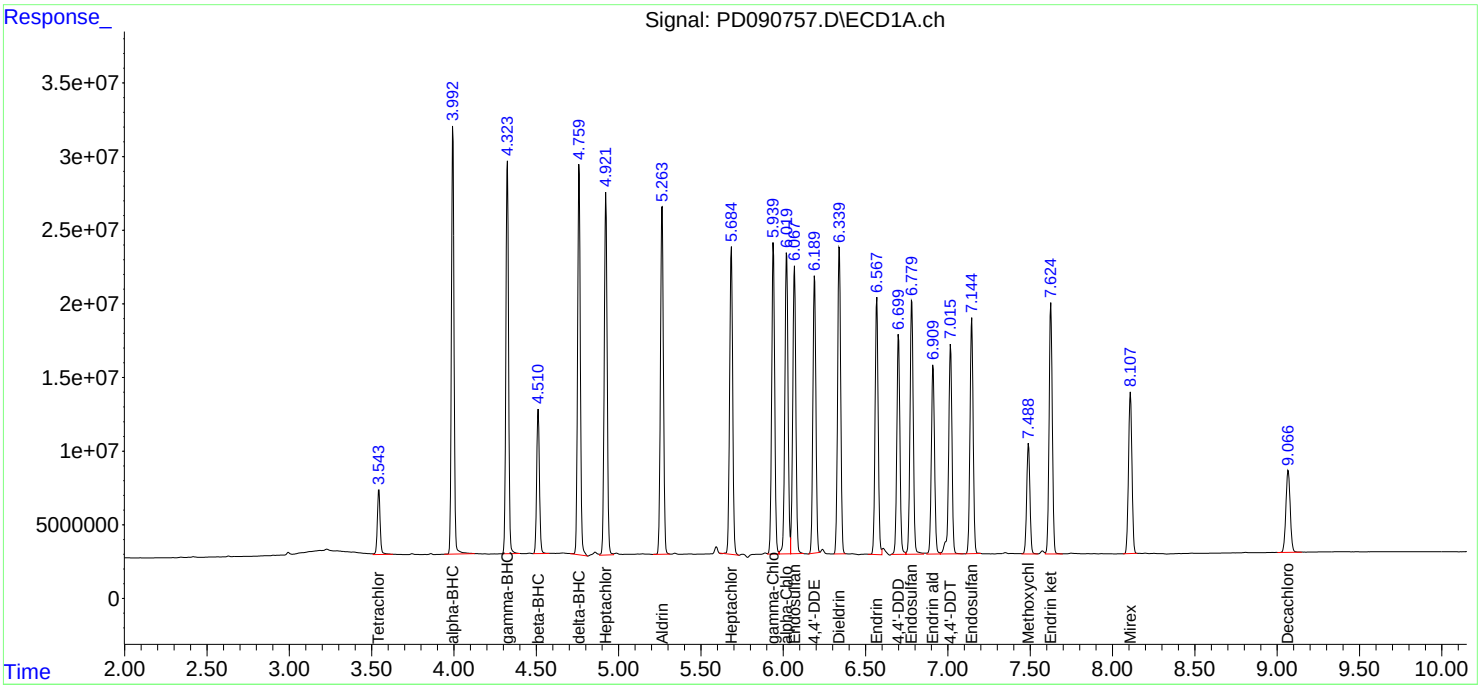
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

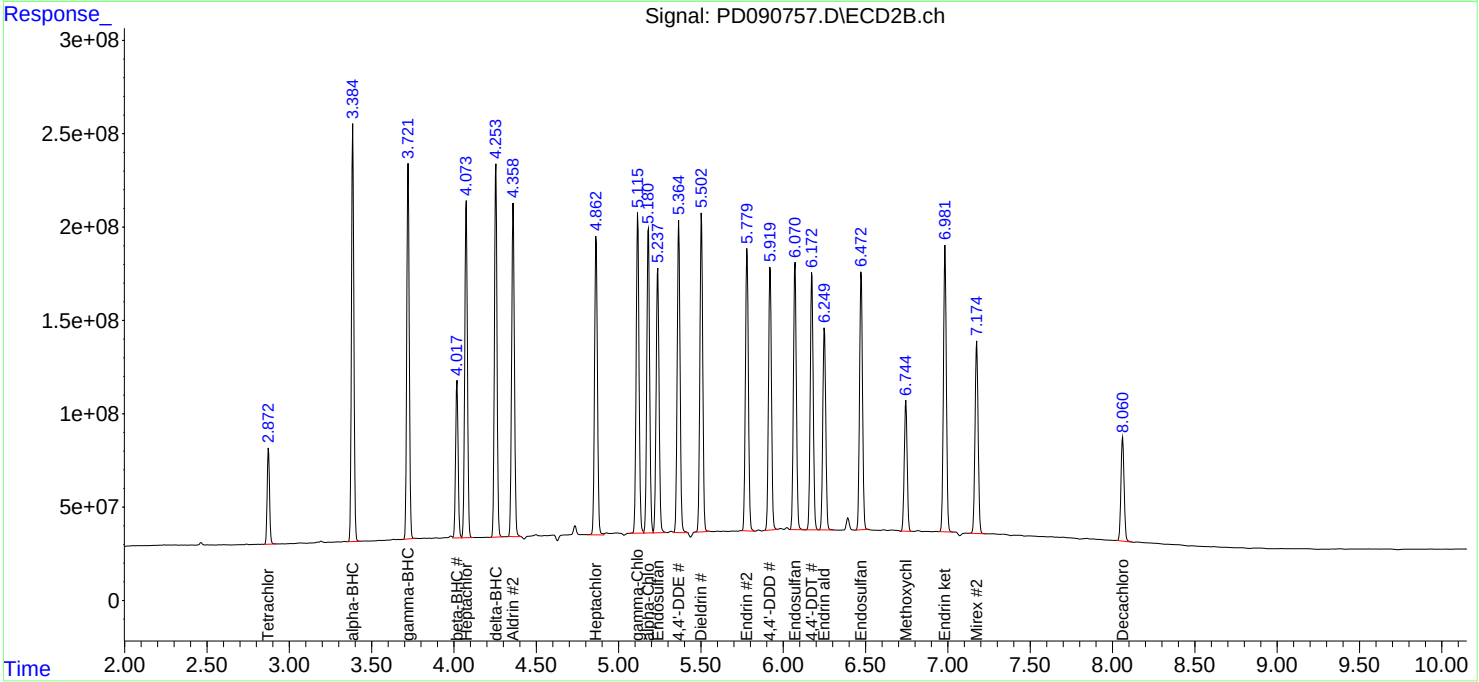
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:26
Operator : AR\AJ
Sample : PB170205BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170205BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:22:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090768.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:11
Operator : AR\AJ
Sample : Q3399-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.874	55259130	570.1E6	17.744m	19.146
28) SA	Decachlor...	9.067	8.062	65859422	464.0E6	14.079	15.317
	Target Compounds						
2) A	alpha-BHC	3.994	3.386	353.9E6	2433.0E6	49.315	47.616
3) MA	gamma-BHC...	4.325	3.722	325.3E6	2250.0E6	47.843	47.620
4) MA	Heptachlor	4.923	4.075	315.9E6	2185.3E6	56.513	48.994
5) MB	Aldrin	5.264	4.360	314.9E6	2225.7E6	48.102	48.052
6) B	beta-BHC	4.513	4.018	123.8E6	938.0E6	47.251	47.302
7) B	delta-BHC	4.760	4.255	331.8E6	2286.7E6	49.066	47.923
8) B	Heptachlo...	5.685	4.864	283.6E6	2032.2E6	48.993	47.661
9) A	Endosulfan I	6.068	5.238	265.3E6	1883.5E6	47.918	47.817
10) B	gamma-Chl...	5.940	5.116	283.0E6	2180.3E6	47.715	48.506
11) B	alpha-Chl...	6.021	5.181	296.7E6	2094.3E6	48.014	48.550
12) B	4,4'-DDE	6.191	5.366	254.1E6	2138.5E6	47.709	48.782
13) MA	Dieldrin	6.341	5.504	283.6E6	2141.6E6	48.629	48.469
14) MA	Endrin	6.568	5.780	239.7E6	1957.8E6	48.393	48.349
15) B	Endosulfa...	6.782	6.072	226.8E6	1847.3E6	45.363	49.188
16) A	4,4'-DDD	6.701	5.921	201.3E6	1717.5E6	49.653	47.134
17) MA	4,4'-DDT	7.016	6.174	206.0E6	1822.3E6	50.113	51.957
18) B	Endrin al...	6.910	6.250	174.4E6	1373.5E6	47.625	49.597
19) B	Endosulfa...	7.145	6.474	218.3E6	1795.4E6	47.056	50.089
20) A	Methoxychlor	7.490	6.745	103.3E6	889.0E6	48.607	51.010
21) B	Endrin ke...	7.627	6.983	236.4E6	1933.5E6	48.654	51.263
22)	Mirex	8.109	7.175	150.2E6	1272.8E6	46.913	49.543

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD090768.D**

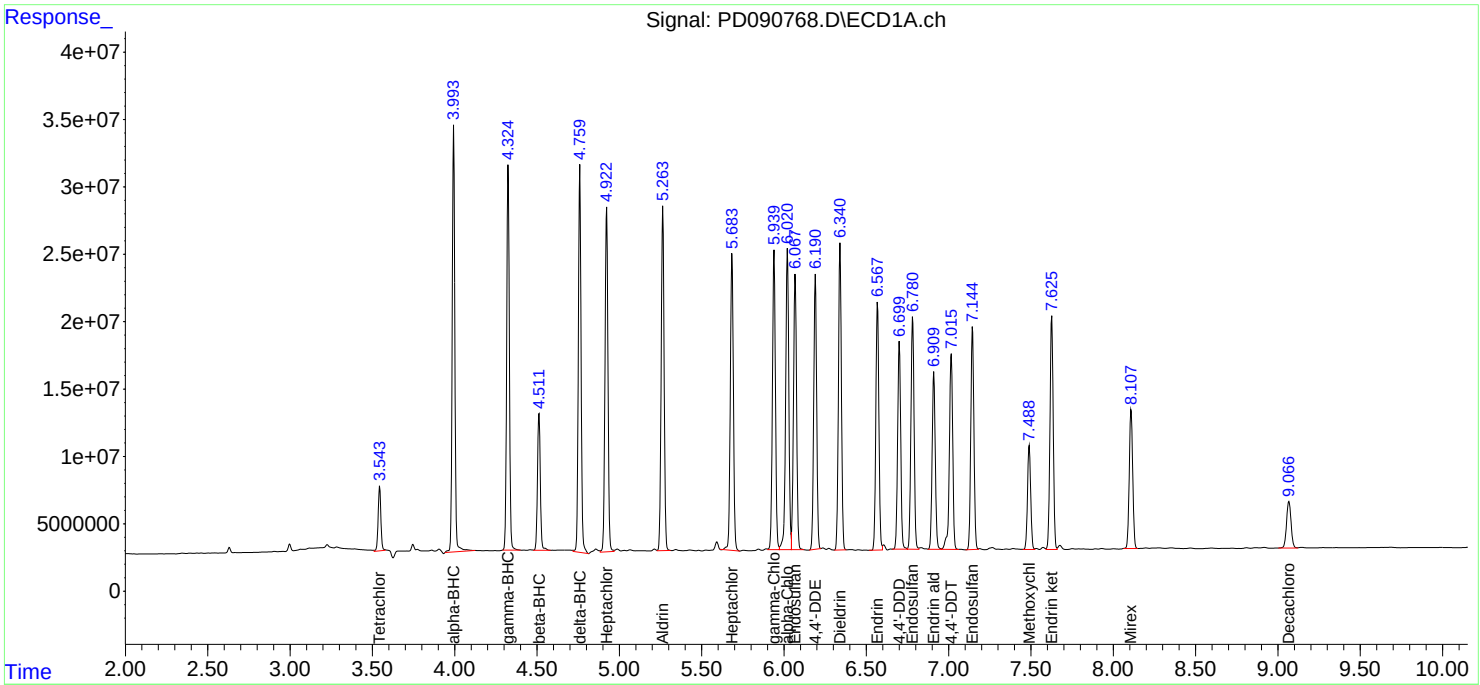
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090768.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:11
Operator : AR\AJ
Sample : Q3399-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

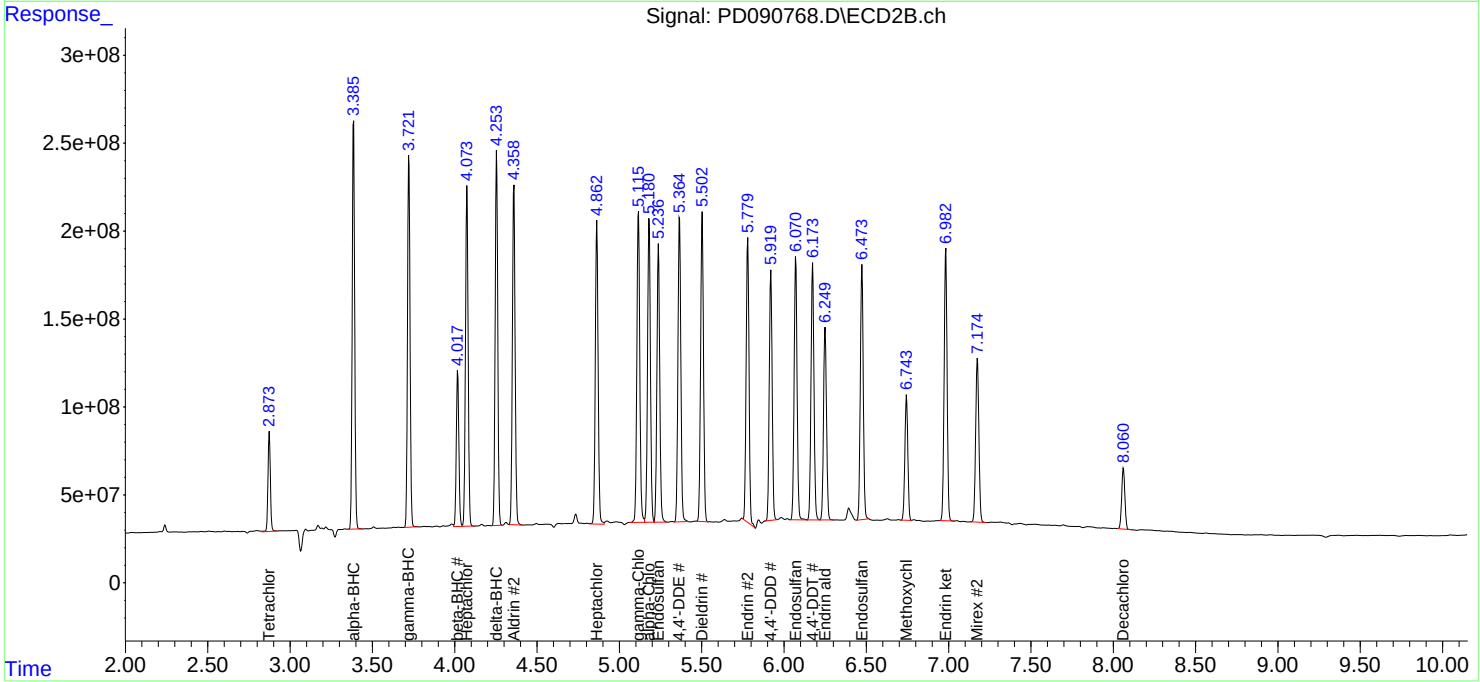
Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:25
Operator : AR\AJ
Sample : Q3399-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza

10/23/2025

Supervised By :mohammad ahmed

10/24/2025

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	54579548	578.4E6	17.526m	19.425
28)	SA Decachlor...	9.068	8.062	67109061	476.8E6	14.346	15.741
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	358.4E6	2475.1E6	49.931	48.440
3)	MA gamma-BHC...	4.325	3.722	331.9E6	2281.5E6	48.810	48.287
4)	MA Heptachlor	4.923	4.075	322.2E6	2211.8E6	57.644	49.589
5)	MB Aldrin	5.264	4.360	320.3E6	2251.0E6	48.919	48.597
6)	B beta-BHC	4.512	4.019	125.7E6	951.4E6	47.986	47.977
7)	B delta-BHC	4.760	4.255	337.7E6	2326.8E6	49.941	48.763
8)	B Heptachlo...	5.685	4.864	286.7E6	2057.0E6	49.525	48.243
9)	A Endosulfan I	6.069	5.239	270.0E6	1908.1E6	48.767	48.440
10)	B gamma-Chl...	5.940	5.117	287.5E6	2211.2E6	48.476	49.194
11)	B alpha-Chl...	6.022	5.181	296.3E6	2125.8E6	47.945	49.279
12)	B 4,4'-DDE	6.191	5.365	260.3E6	2166.5E6	48.861	49.420
13)	MA Dieldrin	6.342	5.504	289.1E6	2168.8E6	49.583	49.086
14)	MA Endrin	6.569	5.781	244.9E6	1970.4E6	49.430	48.660
15)	B Endosulfa...	6.782	6.072	231.9E6	1885.7E6	46.374	50.211
16)	A 4,4'-DDD	6.701	5.921	204.9E6	1742.0E6	50.544	47.806
17)	MA 4,4'-DDT	7.017	6.174	211.0E6	1863.8E6	51.335	53.142
18)	B Endrin al...	6.910	6.251	178.4E6	1394.3E6	48.714	50.347
19)	B Endosulfa...	7.146	6.474	222.2E6	1818.0E6	47.910	50.718
20)	A Methoxychlor	7.490	6.745	105.1E6	908.4E6	49.463	52.124
21)	B Endrin ke...	7.626	6.983	241.7E6	1962.1E6	49.740	52.020
22)	Mirex	8.109	7.175	151.1E6	1297.4E6	47.218	50.499

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:25
Operator : AR\AJ
Sample : Q3399-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMSD

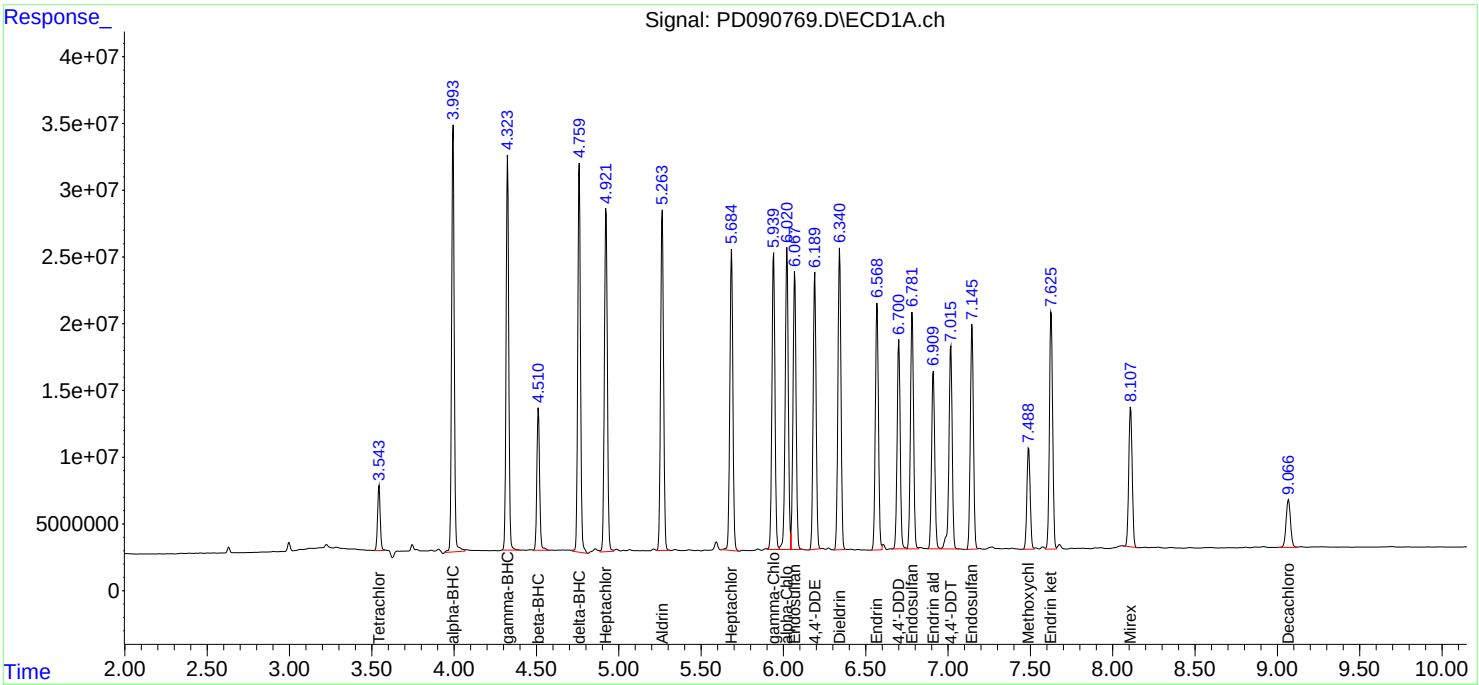
Manual Integrations APPROVED

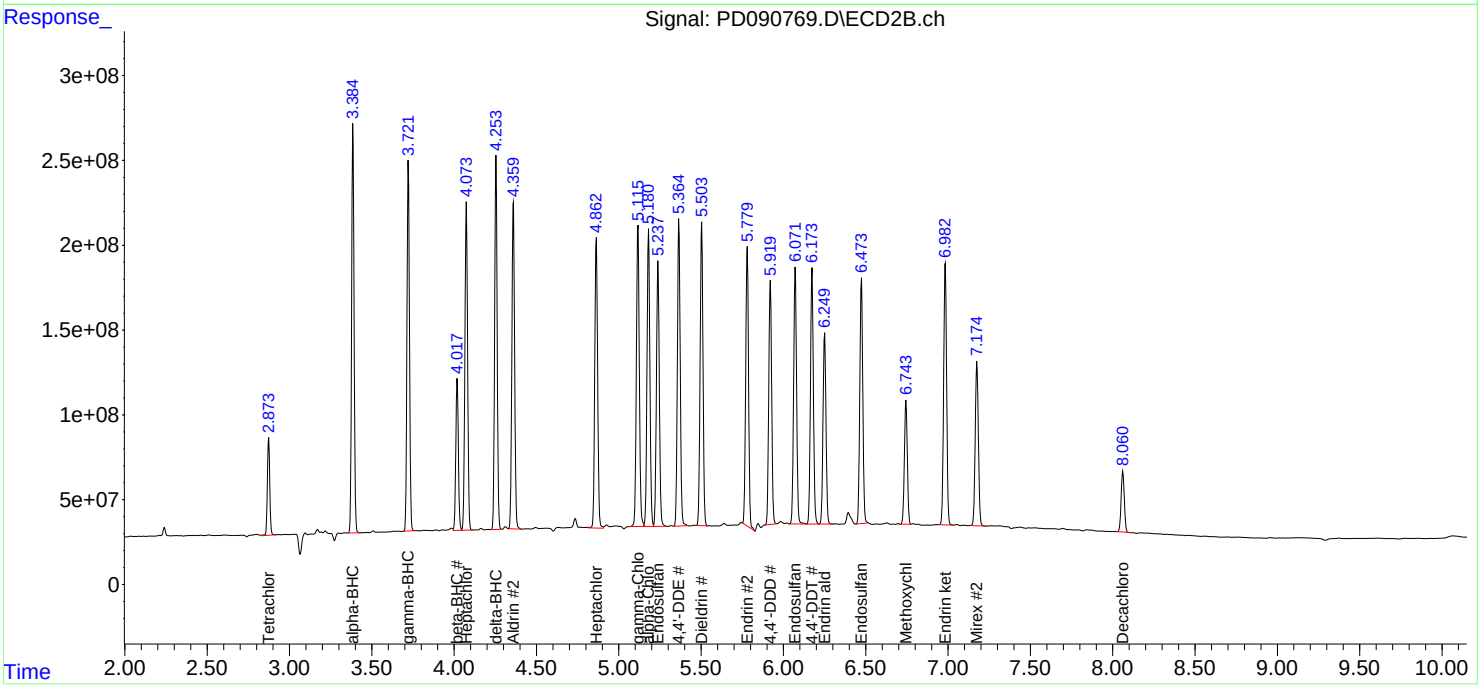
Reviewed By :Abdul Mirza

10/23/2025

Supervised By :mohammad ahmed

10/24/2025





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PD102225	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3399-01	PD090758.D	Dieldrin	Abdul	10/23/2025 3:58:29 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software
Q3399-01	PD090758.D	Dieldrin #2	Abdul	10/23/2025 3:58:29 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software
Q3399-01	PD090758.D	Endrin	Abdul	10/23/2025 3:58:29 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software
Q3399-01	PD090758.D	Endrin #2	Abdul	10/23/2025 3:58:29 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software
Q3399-01	PD090758.D	Tetrachloro-m-xylene	Abdul	10/23/2025 3:58:29 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software
Q3399-01MS	PD090768.D	Tetrachloro-m-xylene	Abdul	10/23/2025 3:57:49 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software
Q3399-01MSD	PD090769.D	Tetrachloro-m-xylene	Abdul	10/23/2025 3:57:43 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090752.D	22 Oct 2025 08:22	AR\AJ	Ok
2	I.BLK	PD090753.D	22 Oct 2025 14:32	AR\AJ	Ok
3	PEM	PD090754.D	22 Oct 2025 14:45	AR\AJ	Ok
4	PSTDCCC050	PD090755.D	22 Oct 2025 14:59	AR\AJ	Ok
5	PB170205BL	PD090756.D	22 Oct 2025 15:13	AR\AJ	Ok
6	PB170205BS	PD090757.D	22 Oct 2025 15:26	AR\AJ	Ok
7	Q3399-01	PD090758.D	22 Oct 2025 15:40	AR\AJ	Ok,M
8	Q3399-02	PD090759.D	22 Oct 2025 15:54	AR\AJ	Ok
9	Q3404-01	PD090760.D	22 Oct 2025 16:08	AR\AJ	Ok,M
10	Q3404-04	PD090761.D	22 Oct 2025 16:21	AR\AJ	Ok,M
11	Q3416-01	PD090762.D	22 Oct 2025 16:49	AR\AJ	Ok,M
12	I.BLK	PD090763.D	22 Oct 2025 17:03	AR\AJ	Ok
13	PSTDCCC050	PD090764.D	22 Oct 2025 17:17	AR\AJ	Ok
14	PB170218BL	PD090765.D	22 Oct 2025 17:30	AR\AJ	Ok
15	PB170218BS	PD090766.D	22 Oct 2025 17:44	AR\AJ	Ok
16	PB170172TB	PD090767.D	22 Oct 2025 17:58	AR\AJ	Ok
17	Q3399-01MS	PD090768.D	22 Oct 2025 18:11	AR\AJ	Ok,M
18	Q3399-01MSD	PD090769.D	22 Oct 2025 18:25	AR\AJ	Ok,M
19	Q3399-02MS	PD090770.D	22 Oct 2025 18:38	AR\AJ	Ok
20	Q3399-02MSD	PD090771.D	22 Oct 2025 18:52	AR\AJ	Ok,M
21	I.BLK	PD090772.D	22 Oct 2025 19:06	AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PSTDCCC050	PD090773.D	22 Oct 2025 19:19	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090752.D	22 Oct 2025 08:22		AR\AJ	Ok
2	I.BLK	I.BLK	PD090753.D	22 Oct 2025 14:32		AR\AJ	Ok
3	PEM	PEM	PD090754.D	22 Oct 2025 14:45		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090755.D	22 Oct 2025 14:59		AR\AJ	Ok
5	PB170205BL	PB170205BL	PD090756.D	22 Oct 2025 15:13		AR\AJ	Ok
6	PB170205BS	PB170205BS	PD090757.D	22 Oct 2025 15:26		AR\AJ	Ok
7	Q3399-01	COMP-ROLLOFF	PD090758.D	22 Oct 2025 15:40		AR\AJ	Ok,M
8	Q3399-02	COMP-ROLLOFF	PD090759.D	22 Oct 2025 15:54		AR\AJ	Ok
9	Q3404-01	MOO-25-0285-0288	PD090760.D	22 Oct 2025 16:08		AR\AJ	Ok,M
10	Q3404-04	MOO-25-0292	PD090761.D	22 Oct 2025 16:21		AR\AJ	Ok,M
11	Q3416-01	NB-08-10212025	PD090762.D	22 Oct 2025 16:49		AR\AJ	Ok,M
12	I.BLK	I.BLK	PD090763.D	22 Oct 2025 17:03		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PD090764.D	22 Oct 2025 17:17		AR\AJ	Ok
14	PB170218BL	PB170218BL	PD090765.D	22 Oct 2025 17:30		AR\AJ	Ok
15	PB170218BS	PB170218BS	PD090766.D	22 Oct 2025 17:44		AR\AJ	Ok
16	PB170172TB	PB170172TB	PD090767.D	22 Oct 2025 17:58		AR\AJ	Ok
17	Q3399-01MS	COMP-ROLLOFFMS	PD090768.D	22 Oct 2025 18:11		AR\AJ	Ok,M
18	Q3399-01MSD	COMP-ROLLOFFMSD	PD090769.D	22 Oct 2025 18:25		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3399-02MS	COMP-ROLLOFFMS	PD090770.D	22 Oct 2025 18:38		AR\AJ	Ok
20	Q3399-02MSD	COMP-ROLLOFFMSD	PD090771.D	22 Oct 2025 18:52		AR\AJ	Ok,M
21	I.BLK	I.BLK	PD090772.D	22 Oct 2025 19:06		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PD090773.D	22 Oct 2025 19:19		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170205

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH

Extraction By: EH

Balance check: EH

Filter By: RS

Balance ID: EX-SC-2

pH Meter ID: N/A

pH Strip Lot#: N/A

Hood ID: 3,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:20

Extraction End Date : 10/22/2025

Extraction End Time : 12:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2652
Sand	N/A	E3951
Hexane	N/A	E3978
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext-lab)	R Patel/PCB Lab
12:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170205

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170205BL	PBLK205	Pesticide-TCL	30.01	N/A	Evelyn	RUPESH	10			U1-1
PB170205BS	PLCS205	Pesticide-TCL	30.03	N/A	Evelyn	RUPESH	10			2
Q3399-01	COMP-ROLLOFF	Pesticide-TCL	30.06	N/A	Evelyn	RUPESH	10	C		3
Q3399-01MS	COMP-ROLLOFFMS	Pesticide-TCL	30.09	N/A	Evelyn	RUPESH	10	C		4
Q3399-01MSD	COMP-ROLLOFFMSD	Pesticide-TCL	30.08	N/A	Evelyn	RUPESH	10	C		5
Q3404-01	MOO-25-0285-0288	Pesticide-TCL	30.04	N/A	Evelyn	RUPESH	10	E		6
Q3404-04	MOO-25-0292	Pesticide-TCL	30.07	N/A	Evelyn	RUPESH	10	E	Small Particles	U2-1
Q3416-01	NB-08-10212025	Pesticide-TCL	30.10	N/A	Evelyn	RUPESH	10	E		2

RS
10/22

* **Extracts relinquished on the same date as received.**

170205
9:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3416 **WorkList ID :** 192608 **Department :** Extraction **Date :** 10-22-2025 09:03:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Pesticide-TCL	Cool 4 deg C	ICES02	D41	10/20/2025	8081B
Q3404-01	MOO-25-0285-0288	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/20/2025	8081B
Q3404-04	MOO-25-0292	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/20/2025	8081B
Q3416-01	NB-08-10212025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D31	10/21/2025	8081B

Date/Time 10/22/25 9:15
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: [signature]

Date/Time 10/22/25 9:50
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RS (Ext lab)

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

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TECHNICAL GROUP

A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PD090767.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PB170172TB	SDG No.:	Q3399
Lab Sample ID:	PB170172TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.10	U	1	0.037	0.10	0.50	ug/L	10/22/25 17:58	PB170218
76-44-8	Heptachlor	0.10	U	1	0.027	0.10	0.50	ug/L	10/22/25 17:58	PB170218
1024-57-3	Heptachlor epoxide	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25 17:58	PB170218
72-20-8	Endrin	0.10	U	1	0.032	0.10	0.50	ug/L	10/22/25 17:58	PB170218
72-43-5	Methoxychlor	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25 17:58	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 17:58	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 17:58	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.2			30 - 135		121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.9			44 - 124		104%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090759.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.10	U	1	0.037	0.10	0.50	ug/L	10/22/25 15:54	PB170218
76-44-8	Heptachlor	0.10	U	1	0.027	0.10	0.50	ug/L	10/22/25 15:54	PB170218
1024-57-3	Heptachlor epoxide	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25 15:54	PB170218
72-20-8	Endrin	0.10	U	1	0.032	0.10	0.50	ug/L	10/22/25 15:54	PB170218
72-43-5	Methoxychlor	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25 15:54	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 15:54	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 15:54	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	20.1			30 - 135		101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.6			44 - 124		98%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30	135
		Tetrachloro-m-xyl	1	20	19.4	97		44	124
		Decachlorobiphen	2	20	20.3	102		30	135
		Tetrachloro-m-xyl	2	20	20.0	100		44	124
I.BLK-PD090753.D	PIBLK-PD090753.D	Decachlorobiphen	1	20	22.1	111		30	135
		Tetrachloro-m-xyl	1	20	19.9	99		44	124
		Decachlorobiphen	2	20	25.1	126		30	135
		Tetrachloro-m-xyl	2	20	20.7	104		44	124
Q3399-02	COMP-ROLLOFF	Decachlorobiphen	1	20	18.5	93		30	135
		Tetrachloro-m-xyl	1	20	19.6	98		44	124
		Decachlorobiphen	2	20	20.1	101		30	135
		Tetrachloro-m-xyl	2	20	19.2	96		44	124
I.BLK-PD090763.D	PIBLK-PD090763.D	Decachlorobiphen	1	20	21.0	105		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	21.0	105		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
PB170218BL	PB170218BL	Decachlorobiphen	1	20	20.4	102		30	135
		Tetrachloro-m-xyl	1	20	19.5	98		44	124
		Decachlorobiphen	2	20	22.3	112		30	135
		Tetrachloro-m-xyl	2	20	20.1	101		44	124
PB170218BS	PB170218BS	Decachlorobiphen	1	20	21.1	106		30	135
		Tetrachloro-m-xyl	1	20	16.9	85		44	124
		Decachlorobiphen	2	20	23.4	117		30	135
		Tetrachloro-m-xyl	2	20	17.3	86		44	124
PB170172TB	PB170172TB	Decachlorobiphen	1	20	21.7	108		30	135
		Tetrachloro-m-xyl	1	20	20.1	100		44	124
		Decachlorobiphen	2	20	24.2	121		30	135
		Tetrachloro-m-xyl	2	20	20.9	104		44	124
Q3399-02MS	COMP-ROLLOFFMS	Decachlorobiphen	1	20	19.1	96		30	135
		Tetrachloro-m-xyl	1	20	21.4	107		44	124
		Decachlorobiphen	2	20	21.2	106		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
Q3399-02MSD	COMP-ROLLOFFMSD	Decachlorobiphen	1	20	19.2	96		30	135
		Tetrachloro-m-xyl	1	20	21.1	106		44	124
		Decachlorobiphen	2	20	20.7	104		30	135
		Tetrachloro-m-xyl	2	20	20.1	100		44	124
I.BLK-PD090772.D	PIBLK-PD090772.D	Decachlorobiphen	1	20	21.4	107		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	24.0	120		30	135
		Tetrachloro-m-xyl	2	20	20.5	103		44	124

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090770.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3399-02MS (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	gamma-BHC (Lindane)	5	0	5.00	ug/L	100				59	134	
	Heptachlor	5	0	5.90	ug/L	118				54	130	
	Heptachlor epoxide	5	0	5.00	ug/L	100				61	133	
	Endrin	5	0	5.10	ug/L	102				60	138	
	Methoxychlor	5	0	5.20	ug/L	104				54	145	
Lab Sample ID:	**Q3399-02MS (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	gamma-BHC (Lindane)	5	0	4.80	ug/L	96				59	134	
	Heptachlor	5	0	4.90	ug/L	98				54	130	
	Heptachlor epoxide	5	0	4.90	ug/L	98				61	133	
	Endrin	5	0	5.00	ug/L	100				60	138	
	Methoxychlor	5	0	5.40	ug/L	108				54	145	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090771.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3399-02MSD (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		59	134	20
	Heptachlor	5	0	5.80	ug/L	116		2		54	130	20
	Heptachlor epoxide	5	0	5.40	ug/L	108		8		61	133	20
	Endrin	5	0	5.00	ug/L	100		2		60	138	20
	Methoxychlor	5	0	5.20	ug/L	104		0		54	145	20
Lab Sample ID:	**Q3399-02MSD (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	gamma-BHC (Lindane)	5	0	4.70	ug/L	94		2		59	134	20
	Heptachlor	5	0	4.80	ug/L	96		2		54	130	20
	Heptachlor epoxide	5	0	5.30	ug/L	106		8		61	133	20
	Endrin	5	0	5.00	ug/L	100		0		60	138	20
	Methoxychlor	5	0	5.30	ug/L	106		2		54	145	20

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **Datafile :** PD090766.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170218BS (Column 1)	gamma-BHC (Lindane)	0.5	0.44	ug/L	88				59	134	
	Heptachlor	0.5	0.52	ug/L	105				54	130	
	Heptachlor epoxide	0.5	0.45	ug/L	90				61	133	
	Endrin	0.5	0.45	ug/L	89				60	138	
	Methoxychlor	0.5	0.46	ug/L	91				54	145	
PB170218BS (Column 2)	gamma-BHC (Lindane)	0.5	0.45	ug/L	90				59	134	
	Heptachlor	0.5	0.46	ug/L	92				54	130	
	Heptachlor epoxide	0.5	0.45	ug/L	90				61	133	
	Endrin	0.5	0.46	ug/L	92				60	138	
	Methoxychlor	0.5	0.48	ug/L	95				54	145	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170218BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170218BL | Lab File ID: PD090765.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025 | Date Analyzed (2): 10/22/2025

Time Analyzed (1): 17:30 | Time Analyzed (2): 17:30

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-ROLLOFF	Q3399-02	PD090759.D	10/22/2025	10/22/2025
PB170218BS	PB170218BS	PD090766.D	10/22/2025	10/22/2025
PB170172TB	PB170172TB	PD090767.D	10/22/2025	10/22/2025
COMP-ROLLOFFMS	Q3399-02MS	PD090770.D	10/22/2025	10/22/2025
COMP-ROLLOFFMSD	Q3399-02MSD	PD090771.D	10/22/2025	10/22/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD090765.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170218BL	SDG No.:	Q3399
Lab Sample ID:	PB170218BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25 17:30	PB170218
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25 17:30	PB170218
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25 17:30	PB170218
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25 17:30	PB170218
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25 17:30	PB170218
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25 17:30	PB170218
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25 17:30	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	22.3			30 - 135		112%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.1			44 - 124		101%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/17/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/17/25	pd101725
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/17/25	pd101725
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.3			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			44 - 124		100%	SPK: 20		

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MDL = Method Detection Limit
LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090753.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090753.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	25.1			30 - 135		126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.7			44 - 124		104%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090763.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090763.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.0			30 - 135		105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090772.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090772.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.0			30 - 135		120%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090766.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170218BS	SDG No.:	Q3399
Lab Sample ID:	PB170218BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.45		1	0.0037	0.010	0.050	ug/L	10/22/25 17:44	PB170218
76-44-8	Heptachlor	0.52		1	0.0027	0.010	0.050	ug/L	10/22/25 17:44	PB170218
1024-57-3	Heptachlor epoxide	0.45		1	0.0096	0.025	0.050	ug/L	10/22/25 17:44	PB170218
72-20-8	Endrin	0.46		1	0.0032	0.010	0.050	ug/L	10/22/25 17:44	PB170218
72-43-5	Methoxychlor	0.48		1	0.011	0.025	0.050	ug/L	10/22/25 17:44	PB170218
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25 17:44	PB170218
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25 17:44	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	23.4			30 - 135		117%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			44 - 124		86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090770.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	5.00		1	0.037	0.10	0.50	ug/L	10/22/25 18:38	PB170218
76-44-8	Heptachlor	5.90		1	0.027	0.10	0.50	ug/L	10/22/25 18:38	PB170218
1024-57-3	Heptachlor epoxide	5.00		1	0.096	0.25	0.50	ug/L	10/22/25 18:38	PB170218
72-20-8	Endrin	5.10		1	0.032	0.10	0.50	ug/L	10/22/25 18:38	PB170218
72-43-5	Methoxychlor	5.40		1	0.11	0.25	0.50	ug/L	10/22/25 18:38	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 18:38	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 18:38	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.2			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			44 - 124		107%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PD090771.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	4.90		1	0.037	0.10	0.50	ug/L	10/22/25 18:52	PB170218
76-44-8	Heptachlor	5.80		1	0.027	0.10	0.50	ug/L	10/22/25 18:52	PB170218
1024-57-3	Heptachlor epoxide	5.40		1	0.096	0.25	0.50	ug/L	10/22/25 18:52	PB170218
72-20-8	Endrin	5.00		1	0.032	0.10	0.50	ug/L	10/22/25 18:52	PB170218
72-43-5	Methoxychlor	5.30		1	0.11	0.25	0.50	ug/L	10/22/25 18:52	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 18:52	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 18:52	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	20.7			30 - 135		104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			44 - 124		106%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	185217000
		2	5.24	5.14	5.34	185731000
		3	5.94	5.84	6.04	758191000
		4	6.03	5.93	6.13	917583000
		5	6.87	6.77	6.97	148478000
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.90	3.80	4.00	1210370000
		2	4.48	4.38	4.58	1263780000
		3	5.12	5.02	5.22	3771830000
		4	5.18	5.08	5.28	3251870000
		5	6.08	5.98	6.18	1460510000
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.964	9.164	46.320	50.000	-7.4
Endrin	6.570	6.468	6.668	47.990	50.000	-4.0
gamma-BHC (Lindane)	4.326	4.225	4.425	47.990	50.000	-4.0
Heptachlor	4.924	4.823	5.023	57.070	50.000	14.1
Heptachlor epoxide	5.685	5.584	5.784	49.030	50.000	-1.9
Methoxychlor	7.490	7.388	7.588	49.890	50.000	-0.2
Tetrachloro-m-xylene	3.545	3.445	3.645	46.510	50.000	-7.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.962	8.162	54.910	50.000	9.8
Endrin	5.781	5.681	5.881	48.490	50.000	-3.0
gamma-BHC (Lindane)	3.722	3.623	3.823	49.500	50.000	-1.0
Heptachlor	4.074	3.975	4.175	49.470	50.000	-1.1
Heptachlor epoxide	4.864	4.764	4.964	47.790	50.000	-4.4
Methoxychlor	6.745	6.645	6.845	52.980	50.000	6.0
Tetrachloro-m-xylene	2.874	2.775	2.975	47.350	50.000	-5.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.964	9.164	44.170	50.000	-11.7
Endrin	6.569	6.468	6.668	46.250	50.000	-7.5
gamma-BHC (Lindane)	4.324	4.225	4.425	47.530	50.000	-4.9
Heptachlor	4.923	4.823	5.023	55.620	50.000	11.2
Heptachlor epoxide	5.685	5.584	5.784	46.870	50.000	-6.3
Methoxychlor	7.489	7.388	7.588	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.544	3.445	3.645	46.320	50.000	-7.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.962	8.162	48.710	50.000	-2.6
Endrin	5.780	5.681	5.881	46.650	50.000	-6.7
gamma-BHC (Lindane)	3.722	3.623	3.823	48.880	50.000	-2.2
Heptachlor	4.074	3.975	4.175	48.710	50.000	-2.6
Heptachlor epoxide	4.864	4.764	4.964	46.510	50.000	-7.0
Methoxychlor	6.745	6.645	6.845	48.070	50.000	-3.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.070	50.000	-5.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.964	9.164	48.090	50.000	-3.8
Endrin	6.568	6.468	6.668	49.010	50.000	-2.0
gamma-BHC (Lindane)	4.324	4.225	4.425	49.170	50.000	-1.7
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.685	5.584	5.784	49.640	50.000	-0.7
Methoxychlor	7.489	7.388	7.588	49.960	50.000	-0.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.760	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.962	8.162	55.760	50.000	11.5
Endrin	5.780	5.681	5.881	49.660	50.000	-0.7
gamma-BHC (Lindane)	3.722	3.623	3.823	50.230	50.000	0.5
Heptachlor	4.073	3.975	4.175	49.520	50.000	-1.0
Heptachlor epoxide	4.863	4.764	4.964	48.340	50.000	-3.3
Methoxychlor	6.744	6.645	6.845	53.040	50.000	6.1
Tetrachloro-m-xylene	2.874	2.775	2.975	48.360	50.000	-3.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	22.040	20.000	10.2
Tetrachloro-m-xylene	3.544	3.490	3.590	20.920	20.000	4.6
alpha-BHC	3.994	3.940	4.040	8.790	10.000	-12.1
beta-BHC	4.513	4.460	4.560	10.210	10.000	2.1
gamma-BHC (Lindane)	4.325	4.270	4.380	9.200	10.000	-8.0
Endrin	6.570	6.500	6.640	48.180	50.000	-3.6
4,4'-DDT	7.018	6.950	7.090	100.910	100.000	0.9
Methoxychlor	7.491	7.420	7.560	235.430	250.000	-5.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	25.380	20.000	26.9
Tetrachloro-m-xylene	2.873	2.820	2.920	21.110	20.000	5.6
alpha-BHC	3.385	3.330	3.440	10.320	10.000	3.2
beta-BHC	4.017	3.970	4.070	10.570	10.000	5.7
gamma-BHC (Lindane)	3.721	3.670	3.770	10.640	10.000	6.4
Endrin	5.779	5.710	5.850	49.190	50.000	-1.6
4,4'-DDT	6.173	6.100	6.240	103.470	100.000	3.5
Methoxychlor	6.745	6.670	6.820	217.530	250.000	-13.0

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	9.08	3.55
PEM	PEM	10/22/2025	14:45	PD090754.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	9.07	3.55
COMP-ROLLOFF	Q3399-02	10/22/2025	15:54	PD090759.D	9.07	3.55
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	9.07	3.54
PB170218BL	PB170218BL	10/22/2025	17:30	PD090765.D	9.07	3.54
PB170218BS	PB170218BS	10/22/2025	17:44	PD090766.D	9.07	3.54
PB170172TB	PB170172TB	10/22/2025	17:58	PD090767.D	9.07	3.54
COMP-ROLLOFFMS	Q3399-02MS	10/22/2025	18:38	PD090770.D	9.07	3.55
COMP-ROLLOFFMSD	Q3399-02MSD	10/22/2025	18:52	PD090771.D	9.07	3.54
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	9.07	3.54

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	8.06	2.87
PEM	PEM	10/22/2025	14:45	PD090754.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	8.06	2.87
COMP-ROLLOFF	Q3399-02	10/22/2025	15:54	PD090759.D	8.06	2.87
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	8.06	2.87
PB170218BL	PB170218BL	10/22/2025	17:30	PD090765.D	8.06	2.87
PB170218BS	PB170218BS	10/22/2025	17:44	PD090766.D	8.06	2.87
PB170172TB	PB170172TB	10/22/2025	17:58	PD090767.D	8.06	2.87
COMP-ROLLOFFMS	Q3399-02MS	10/22/2025	18:38	PD090770.D	8.06	2.87
COMP-ROLLOFFMSD	Q3399-02MSD	10/22/2025	18:52	PD090771.D	8.06	2.88
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-02MS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	5.20	3.8
	2	6.75	6.70	6.80	5.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.00	4.1
	2	3.72	3.67	3.77	4.80	
Heptachlor	1	4.92	4.87	4.97	5.90	18.5
	2	4.08	4.03	4.13	4.90	
Heptachlor epoxide	1	5.69	5.64	5.74	5.00	2
	2	4.86	4.81	4.91	4.90	
Endrin	1	6.57	6.52	6.62	5.10	2
	2	5.78	5.73	5.83	5.00	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-02MSD **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	5.20	1.9
	2	6.74	6.69	6.79	5.30	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.90	4.2
	2	3.72	3.67	3.77	4.70	
Heptachlor	1	4.92	4.87	4.97	5.80	18.9
	2	4.08	4.03	4.13	4.80	
Heptachlor epoxide	1	5.68	5.63	5.73	5.40	1.9
	2	4.86	4.81	4.91	5.30	
Endrin	1	6.57	6.52	6.62	5.00	0
	2	5.78	5.73	5.83	5.00	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170218BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170218BS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	0.46	4.4
	2	6.75	6.70	6.80	0.48	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.44	1.5
	2	3.72	3.67	3.77	0.45	
Heptachlor	1	4.92	4.87	4.97	0.52	13.2
	2	4.07	4.02	4.12	0.46	
Heptachlor epoxide	1	5.69	5.64	5.74	0.45	0.2
	2	4.86	4.81	4.91	0.45	
Endrin	1	6.57	6.52	6.62	0.45	3.2
	2	5.78	5.73	5.83	0.46	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:58
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	62576696	621.5E6	20.094	20.871
28)	SA Decachlor...	9.067	8.061	101.4E6	734.0E6	21.681	24.231
	Target Compounds						

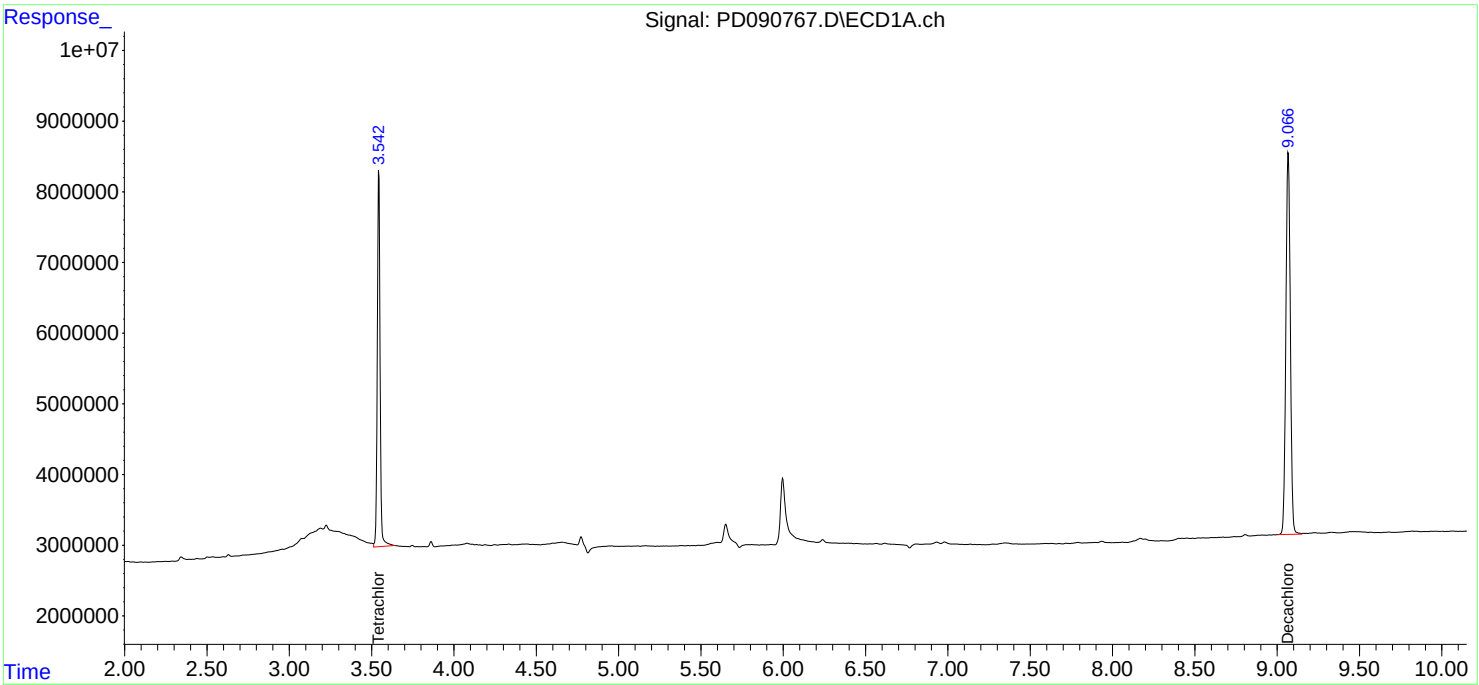
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

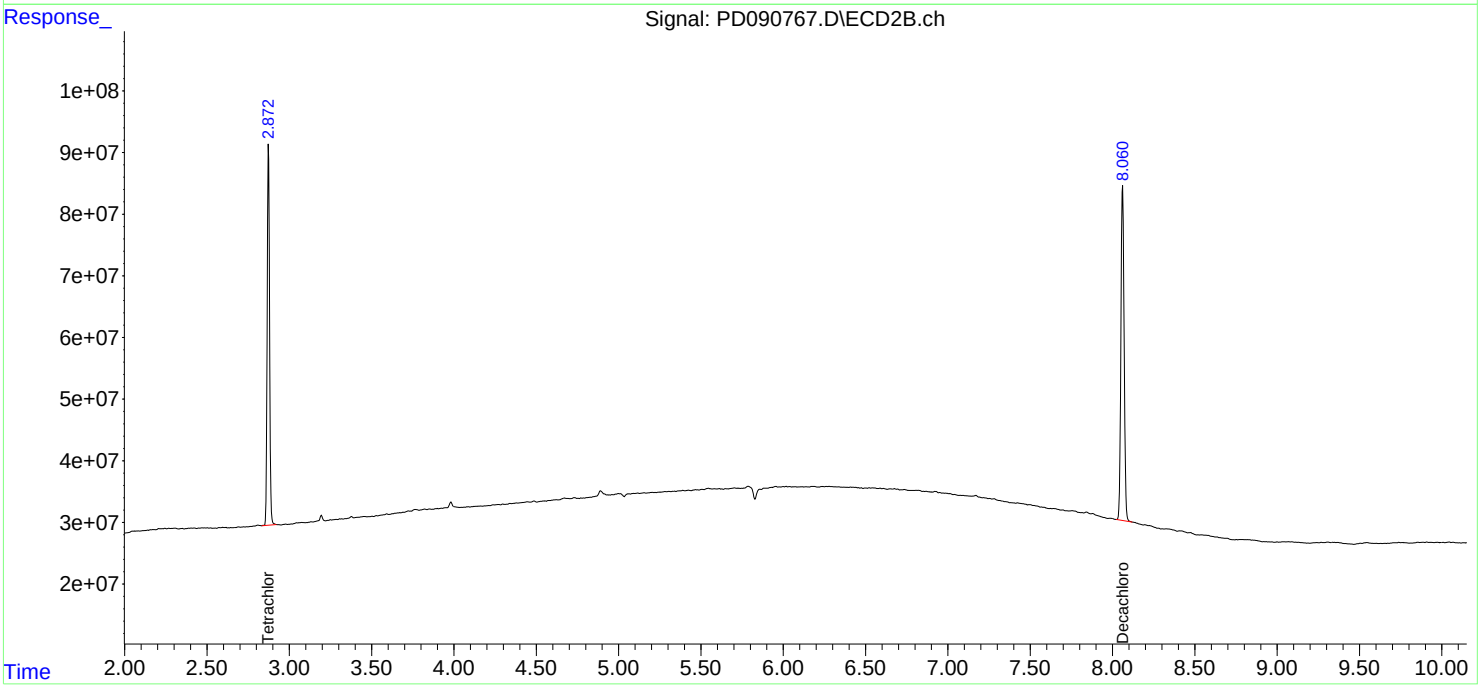
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:58
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

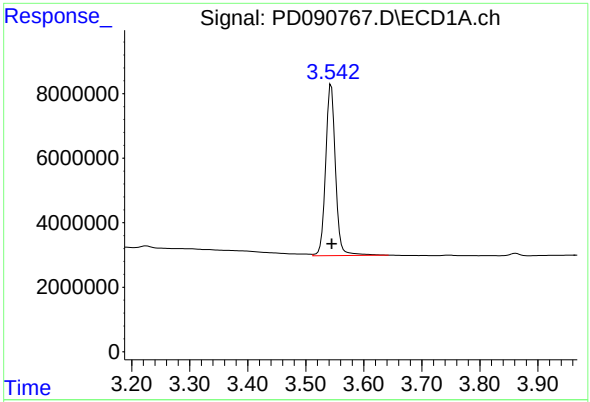
Instrument :
ECD_D
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



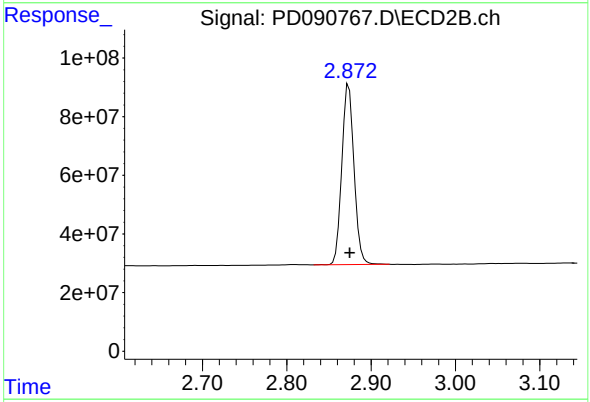




#1 Tetrachloro-m-xylene

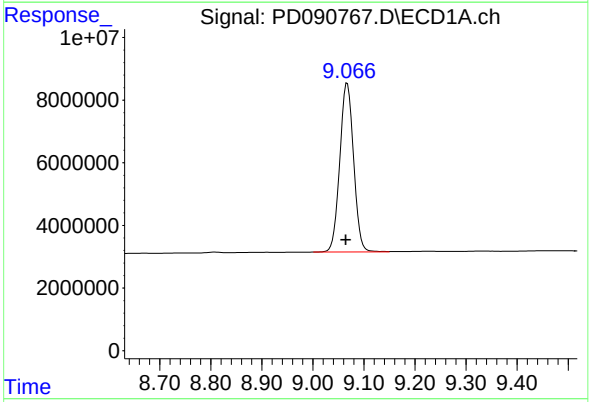
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62576696
Conc: 20.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170172TB



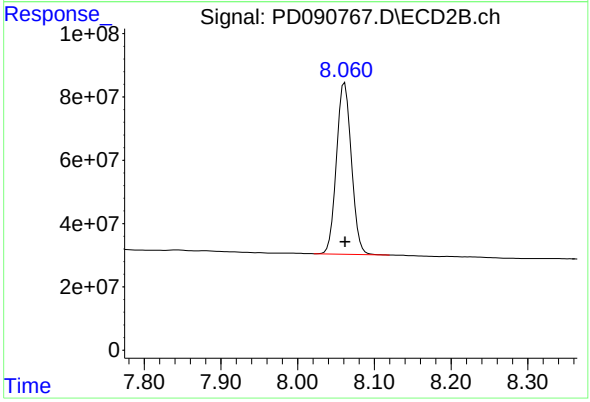
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 621467811
Conc: 20.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 101420779
Conc: 21.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 733996374
Conc: 24.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:54
Operator : AR\AJ
Sample : Q3399-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 12:25:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.874	60912193	571.3E6	19.560	19.186
28)	SA Decachlor...	9.067	8.062	86739386	609.1E6	18.542	20.107
	Target Compounds						

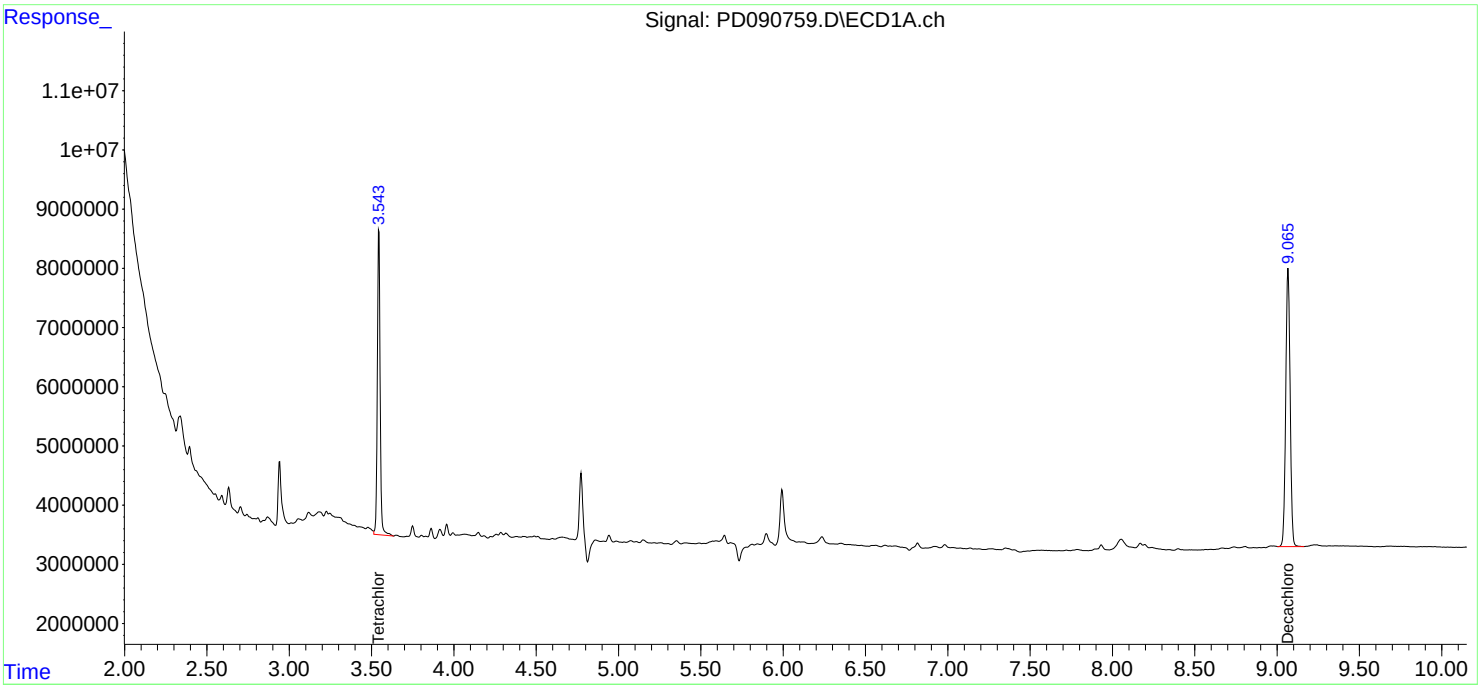
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

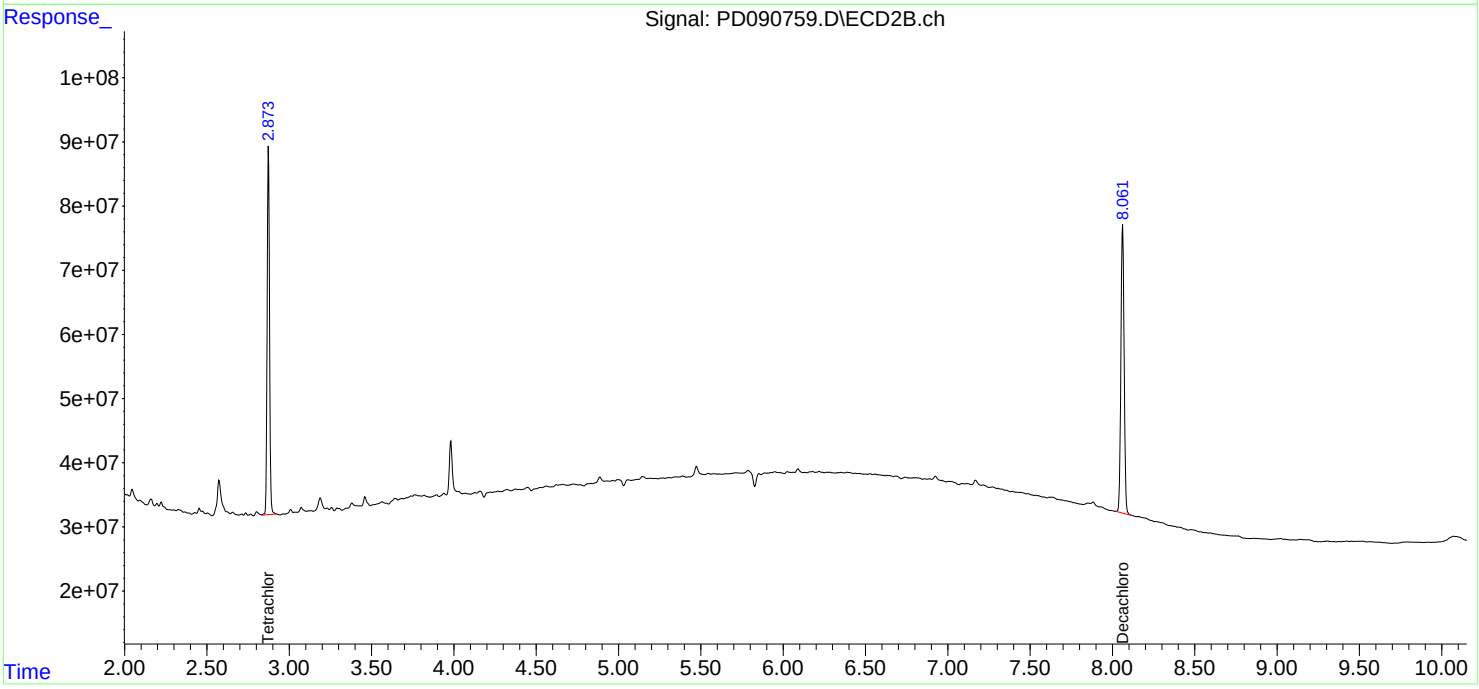
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:54
Operator : AR\AJ
Sample : Q3399-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

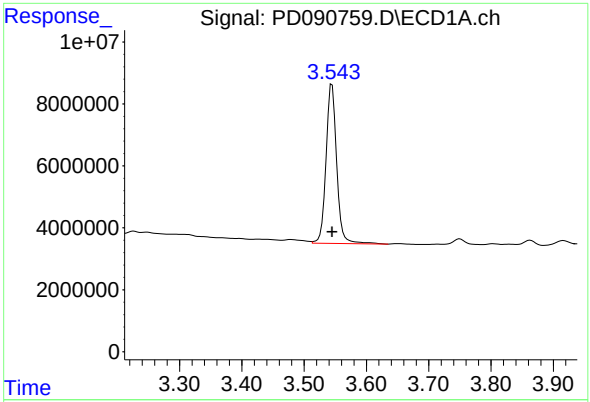
Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 12:25:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



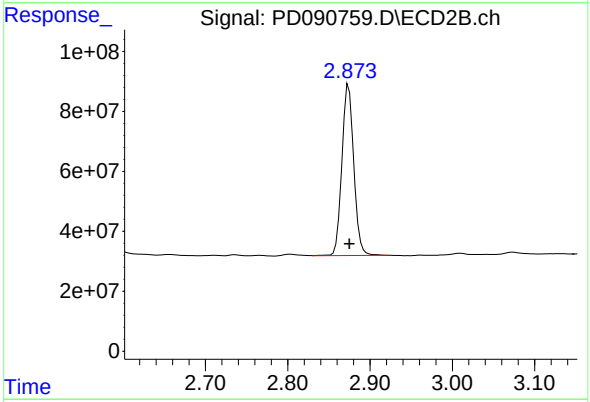




#1 Tetrachloro-m-xylene

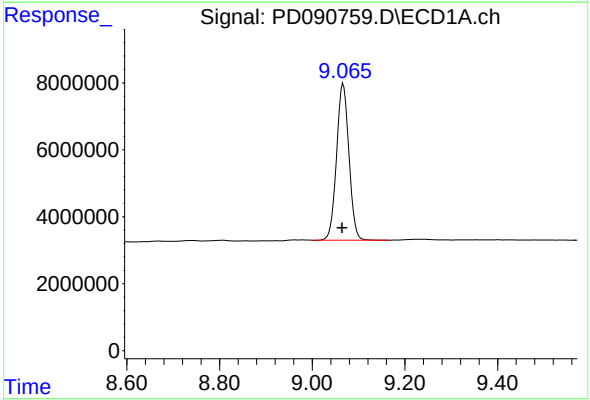
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60912193
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF



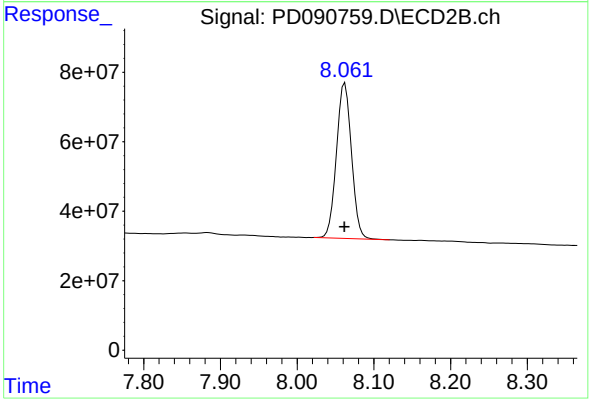
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 571295834
Conc: 19.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 86739386
Conc: 18.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 609059813
Conc: 20.11 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:30
Operator : AR\AJ
Sample : PB170218BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170218BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	60718682	599.5E6	19.498	20.134
28)	SA Decachlor...	9.067	8.062	95465019	676.3E6	20.407	22.327
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

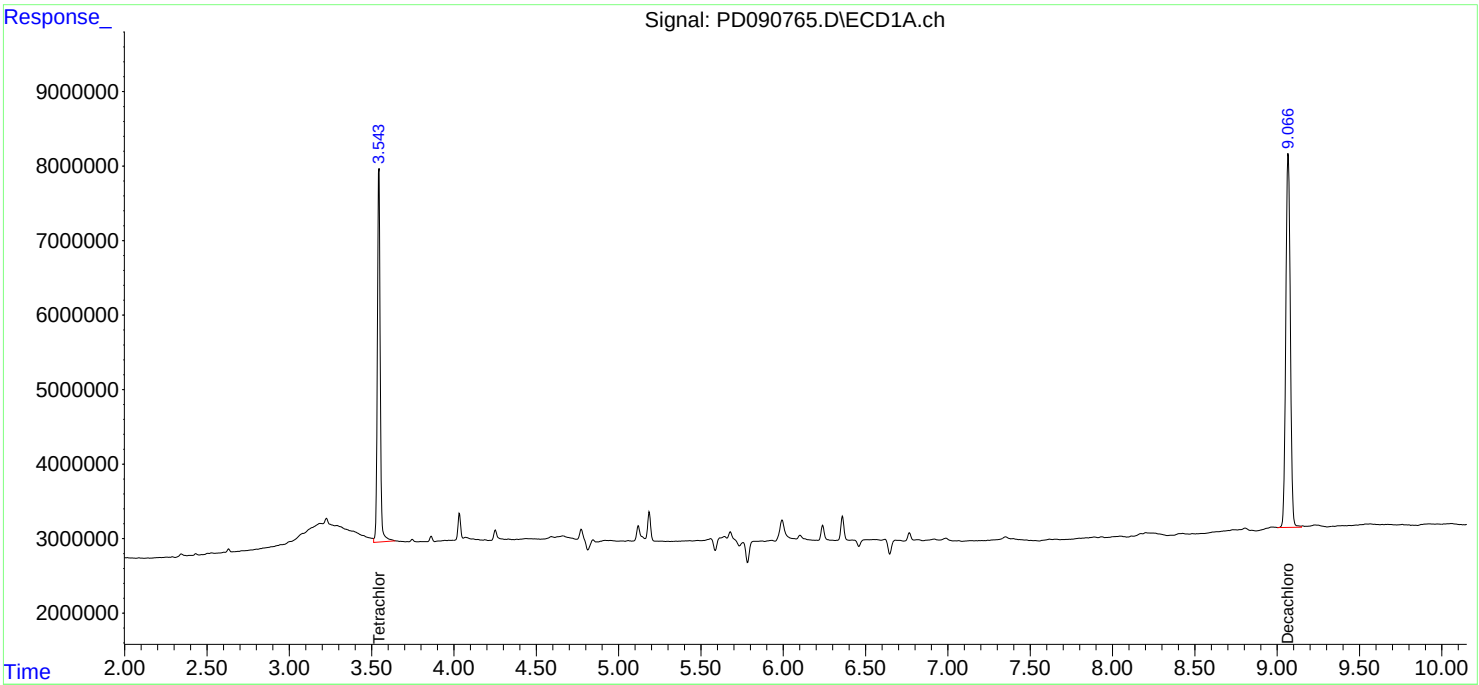
Sample Results: **PD090765.D**

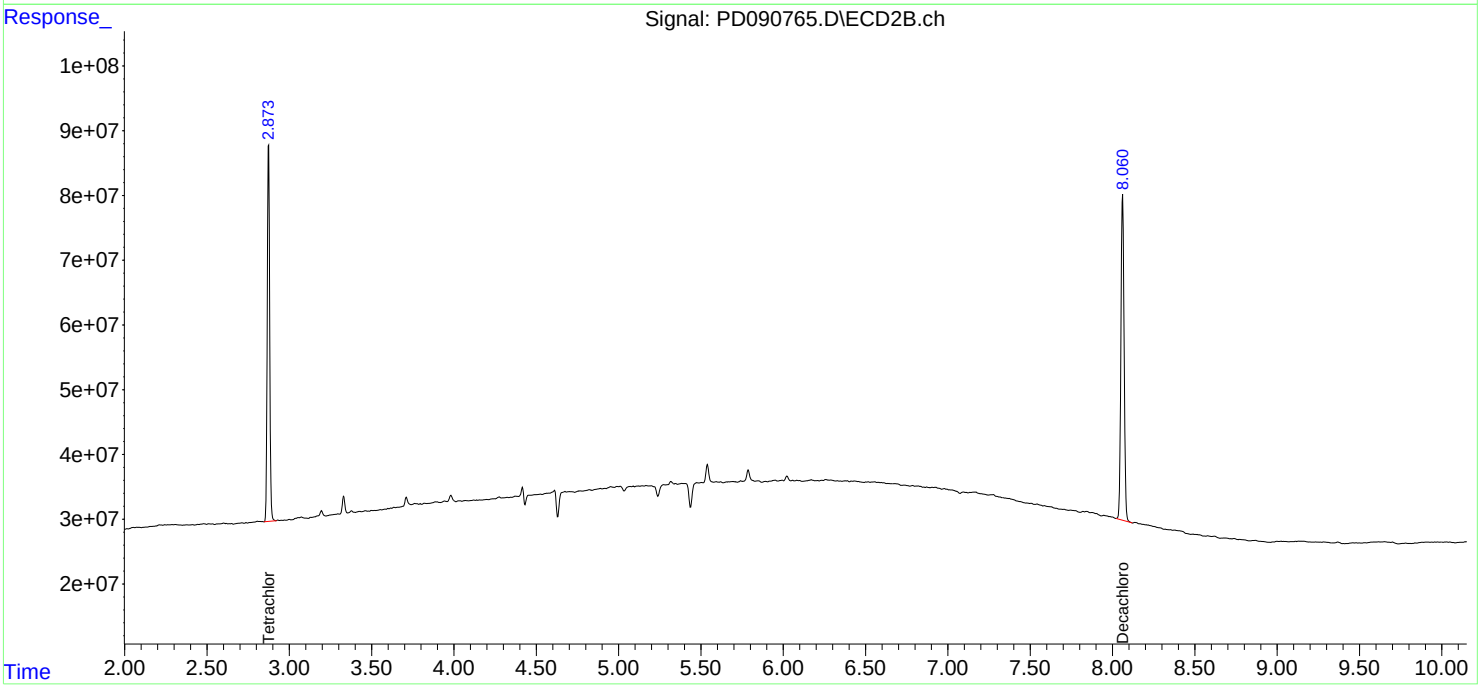
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:30
Operator : AR\AJ
Sample : PB170218BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

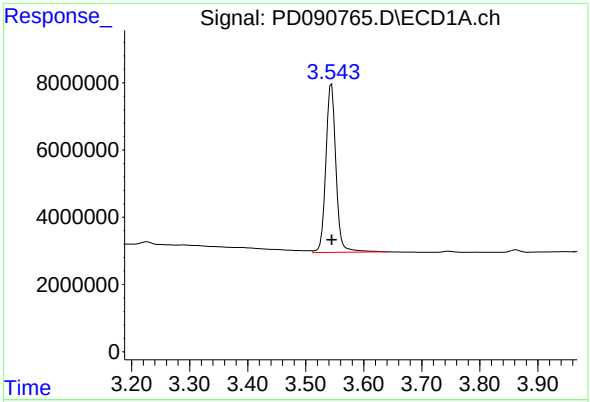
Instrument :
ECD_D
ClientSampleId :
PB170218BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



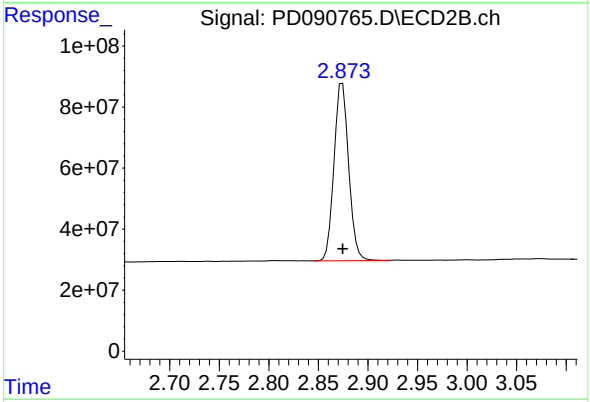




#1 Tetrachloro-m-xylene

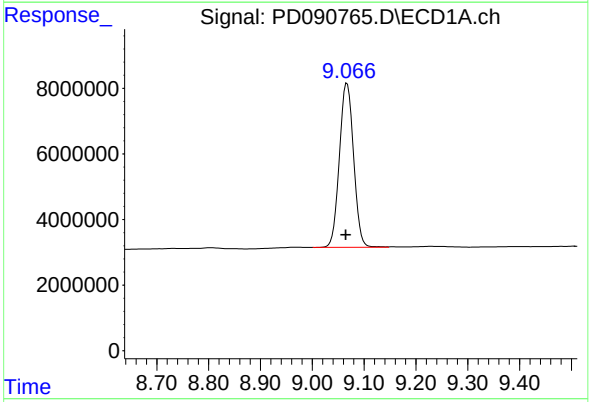
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 60718682
Conc: 19.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170218BL



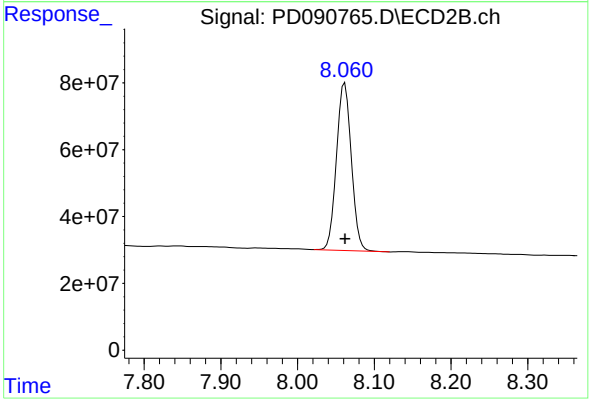
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 599524002
Conc: 20.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 95465019
Conc: 20.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 676319539
Conc: 22.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:44
Operator : AR\AJ
Sample : PB170218BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170218BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	52634508	513.7E6	16.902	17.251
28)	SA Decachlor...	9.068	8.061	98897682	710.3E6	21.141	23.450
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	320.2E6	2278.9E6	44.607	44.600
3)	MA gamma-BHC...	4.325	3.722	300.1E6	2116.4E6	44.135	44.794
4)	MA Heptachlor	4.923	4.074	293.0E6	2048.9E6	52.417	45.936
5)	MB Aldrin	5.264	4.360	291.7E6	2086.2E6	44.560	45.039
6)	B beta-BHC	4.512	4.018	114.1E6	888.1E6	43.546	44.785
7)	B delta-BHC	4.760	4.254	303.6E6	2159.0E6	44.903	45.247
8)	B Heptachlo...	5.685	4.863	259.8E6	1917.3E6	44.876	44.965
9)	A Endosulfan I	6.068	5.238	246.2E6	1750.2E6	44.473	44.432
10)	B gamma-Chl...	5.940	5.116	261.6E6	2056.0E6	44.100	45.740
11)	B alpha-Chl...	6.021	5.181	265.1E6	1963.3E6	42.888	45.513
12)	B 4,4'-DDE	6.191	5.365	233.3E6	2011.4E6	43.798	45.883
13)	MA Dieldrin	6.341	5.503	262.5E6	2036.4E6	45.015	46.090
14)	MA Endrin	6.569	5.780	221.1E6	1865.4E6	44.634	46.066
15)	B Endosulfa...	6.782	6.072	227.9E6	1740.7E6	45.571	46.350
16)	A 4,4'-DDD	6.701	5.920	191.9E6	1703.8E6	47.337	46.758
17)	MA 4,4'-DDT	7.016	6.174	190.5E6	1666.2E6	46.349	47.506
18)	B Endrin al...	6.910	6.250	169.0E6	1312.2E6	46.134	47.383
19)	B Endosulfa...	7.146	6.474	206.0E6	1692.4E6	44.405	47.214
20)	A Methoxychlor	7.490	6.745	97041864	831.1E6	45.654	47.687
21)	B Endrin ke...	7.627	6.983	222.9E6	1833.6E6	45.881	48.613
22)	Mirex	8.109	7.176	152.3E6	1293.2E6	47.581	50.336

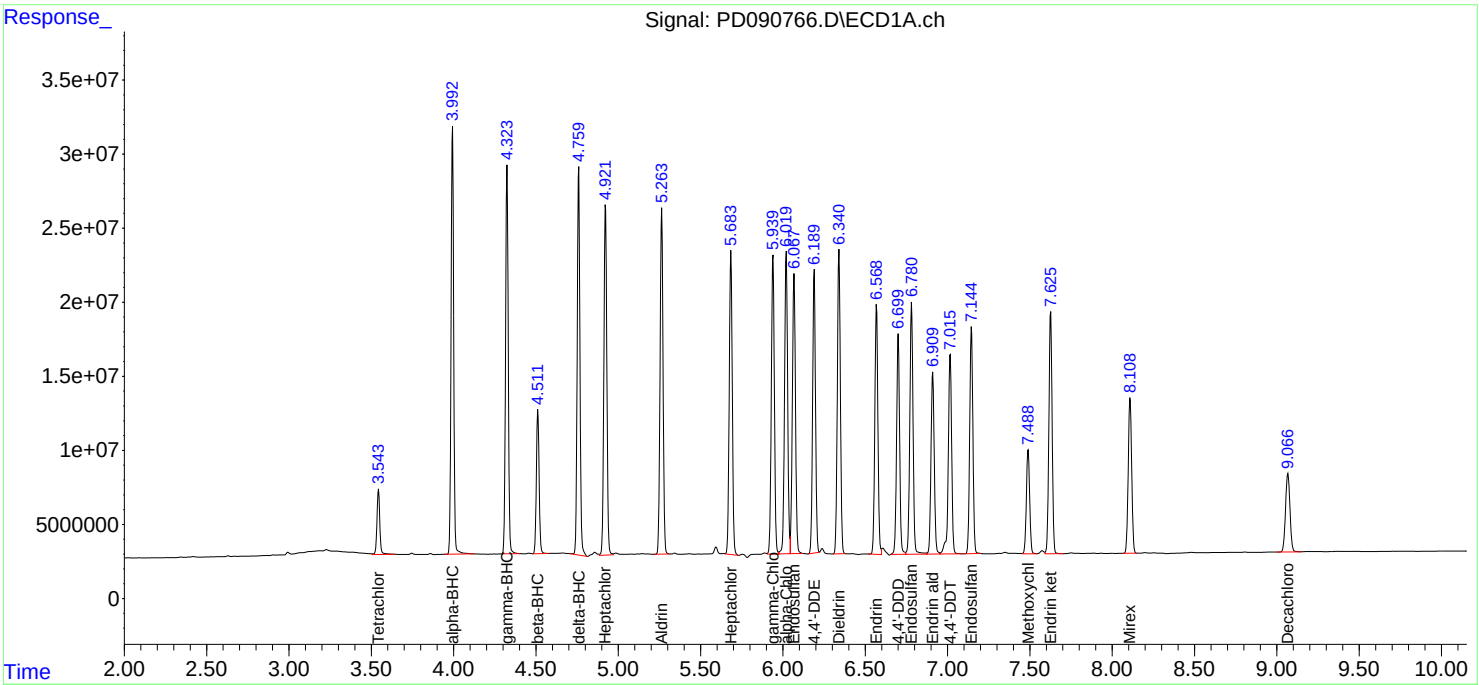
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

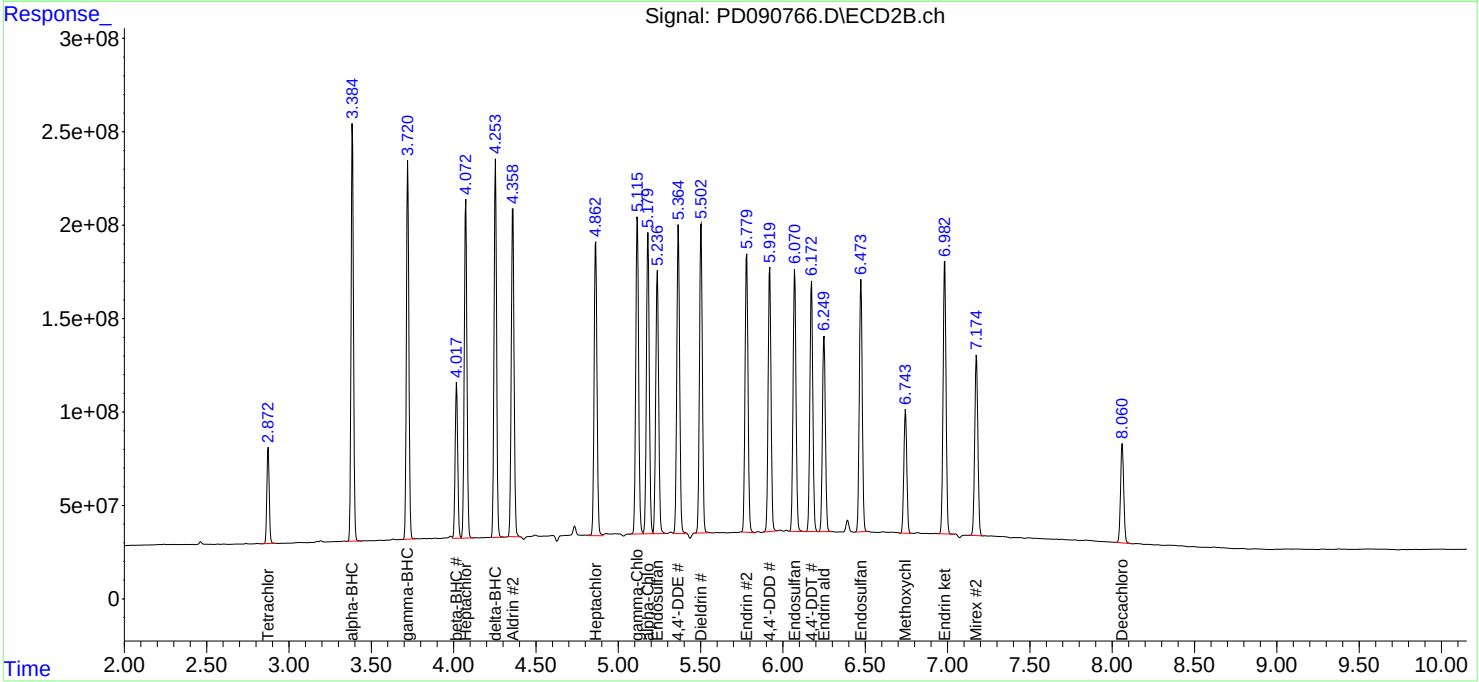
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:44
Operator : AR\AJ
Sample : PB170218BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170218BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:38
Operator : AR\AJ
Sample : Q3399-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:24:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.545	2.874	66748014	612.9E6	21.434	20.582
28)	SA Decachlor...	9.067	8.061	89563518	641.9E6	19.146	21.191
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	358.2E6	2481.1E6	49.912	48.558
3)	MA gamma-BHC...	4.325	3.723	338.8E6	2283.1E6	49.835	48.320
4)	MA Heptachlor	4.923	4.075	328.7E6	2169.0E6	58.812	48.630
5)	MB Aldrin	5.265	4.360	314.7E6	2181.6E6	48.072	47.100
6)	B beta-BHC	4.512	4.019	136.3E6	961.8E6	52.047	48.503
7)	B delta-BHC	4.761	4.255	352.2E6	2327.9E6	52.087	48.787
8)	B Heptachlo...	5.685	4.864	291.2E6	2078.6E6	50.303	48.749
9)	A Endosulfan I	6.069	5.238	276.7E6	1948.4E6	49.981	49.464
10)	B gamma-Chl...	5.941	5.117	292.5E6	2211.8E6	49.320	49.206
11)	B alpha-Chl...	6.021	5.181	317.2E6	2118.6E6	51.328	49.113
12)	B 4,4'-DDE	6.190	5.365	263.7E6	2156.0E6	49.502	49.181
13)	MA Dieldrin	6.341	5.503	296.7E6	2208.2E6	50.880	49.977
14)	MA Endrin	6.568	5.780	251.0E6	2031.3E6	50.665	50.162
15)	B Endosulfa...	6.781	6.072	244.0E6	1903.9E6	48.807	50.695
16)	A 4,4'-DDD	6.700	5.920	206.8E6	1820.4E6	51.014	49.958
17)	MA 4,4'-DDT	7.016	6.174	221.0E6	1867.3E6	53.775	53.239
18)	B Endrin al...	6.911	6.250	186.5E6	1442.6E6	50.916	52.092
19)	B Endosulfa...	7.145	6.474	233.4E6	1843.1E6	50.322	51.420
20)	A Methoxychlor	7.489	6.745	110.5E6	933.2E6	52.004	53.548
21)	B Endrin ke...	7.626	6.983	248.8E6	1991.9E6	51.208	52.810
22)	Mirex	8.108	7.175	153.0E6	1286.0E6	47.814	50.057

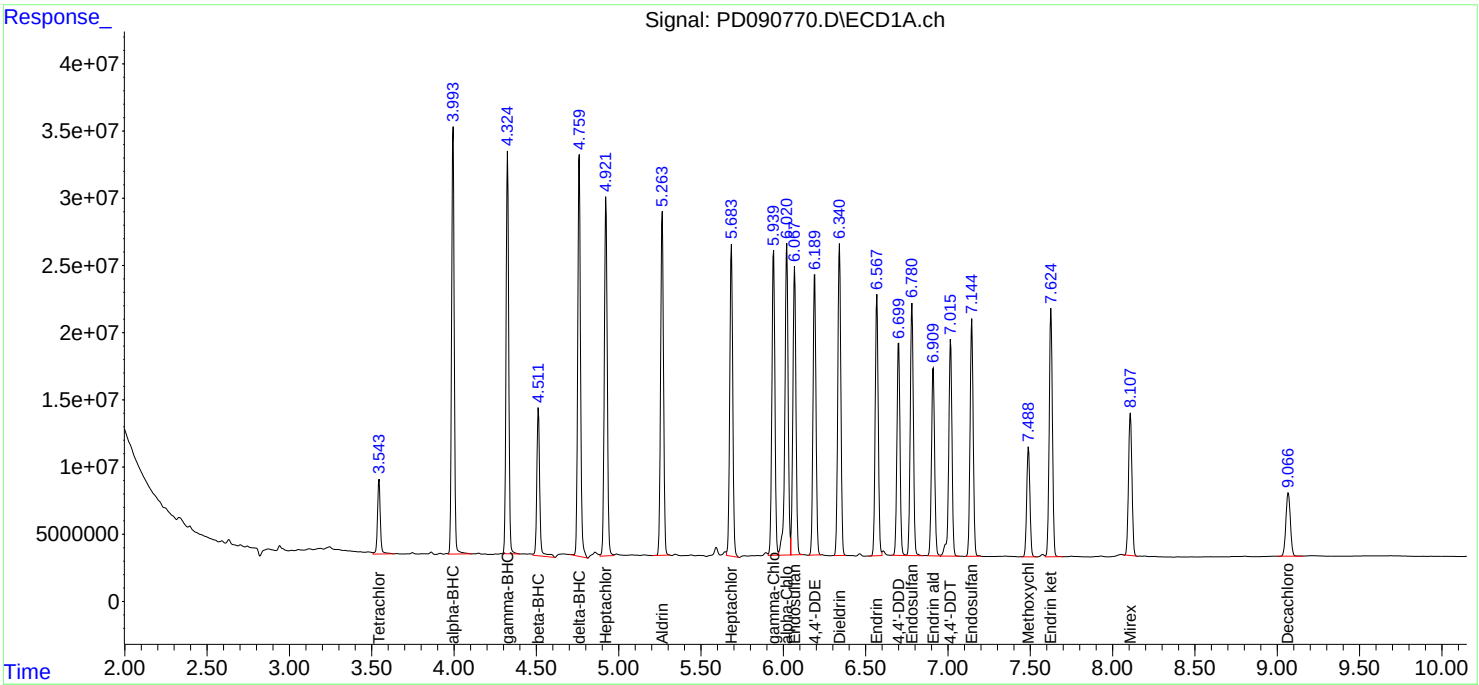
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

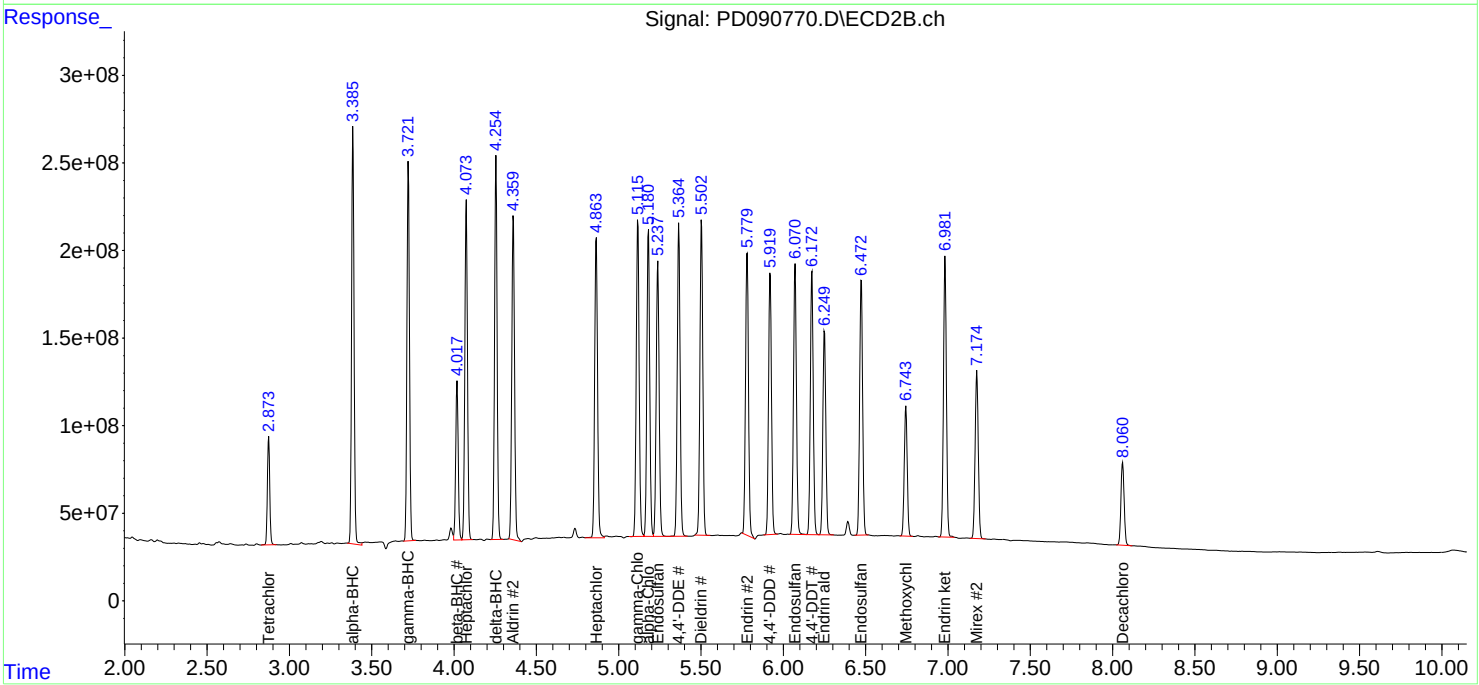
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:38
Operator : AR\AJ
Sample : Q3399-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:24:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:52
Operator : AR\AJ
Sample : Q3399-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.875	65762388	597.0E6	21.117	20.049
28)	SA Decachlor...	9.066	8.061	89978793	628.0E6	19.235	20.733
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	352.1E6	2419.1E6	49.058	47.345
3)	MA gamma-BHC...	4.325	3.723	332.8E6	2227.6E6	48.955	47.145
4)	MA Heptachlor	4.923	4.075	324.6E6	2135.8E6	58.076	47.885
5)	MB Aldrin	5.264	4.360	309.8E6	2138.0E6	47.321	46.158
6)	B beta-BHC	4.512	4.019	123.8E6	945.7E6	47.265	47.693
7)	B delta-BHC	4.760	4.255	351.9E6	2279.8E6	52.043	47.778
8)	B Heptachlo...	5.684	4.864	314.7E6	2251.7E6	54.354	52.807
9)	A Endosulfan I	6.068	5.238	287.8E6	1905.6E6	51.982	48.376
10)	B gamma-Chl...	5.940	5.116	277.4E6	2152.0E6	46.771	47.876
11)	B alpha-Chl...	6.019	5.181	355.5E6	2067.8E6	57.529m	47.934
12)	B 4,4'-DDE	6.190	5.365	256.7E6	2124.3E6	48.192	48.457
13)	MA Dieldrin	6.341	5.503	290.1E6	2161.9E6	49.753	48.929
14)	MA Endrin	6.568	5.780	248.4E6	2018.6E6	50.147	49.851
15)	B Endosulfa...	6.781	6.071	237.2E6	1862.2E6	47.447	49.586
16)	A 4,4'-DDD	6.700	5.920	202.3E6	1793.0E6	49.888	49.206
17)	MA 4,4'-DDT	7.016	6.173	220.1E6	1840.2E6	53.550	52.468
18)	B Endrin al...	6.910	6.250	188.7E6	1414.5E6	51.516	51.079
19)	B Endosulfa...	7.145	6.473	229.6E6	1814.1E6	49.505	50.608
20)	A Methoxychlor	7.489	6.744	110.3E6	926.9E6	51.907	53.185
21)	B Endrin ke...	7.626	6.983	249.9E6	1971.2E6	51.441	52.263
22)	Mirex	8.108	7.175	153.4E6	1277.0E6	47.915	49.706

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

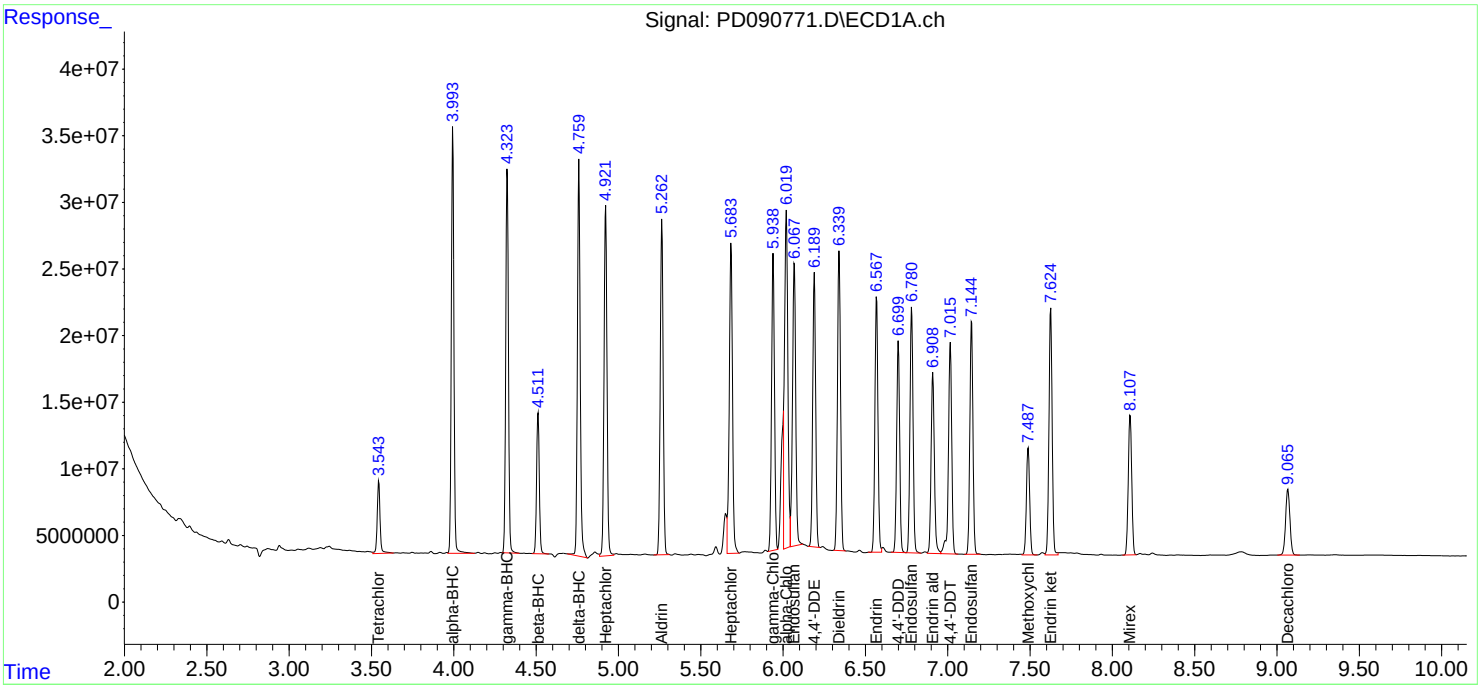
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:52
Operator : AR\AJ
Sample : Q3399-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

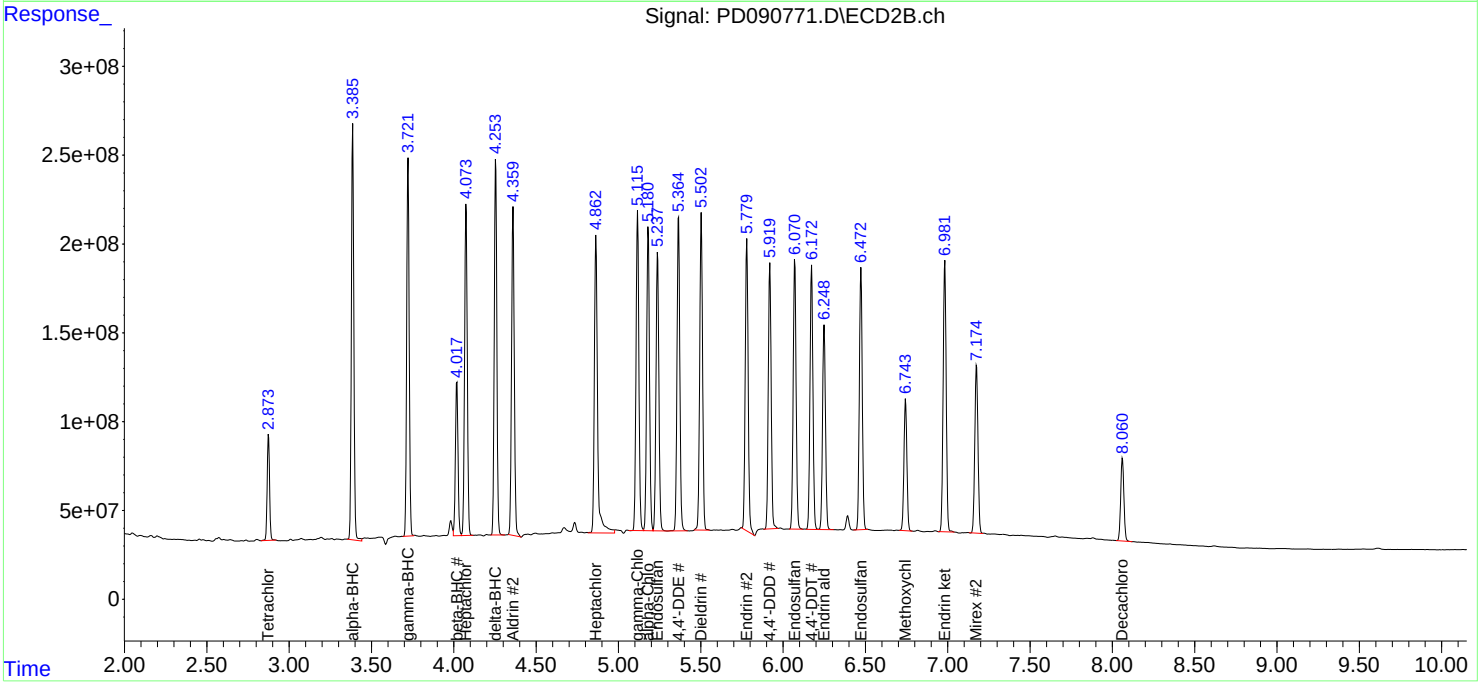
Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PD102225	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3399-02MSD	PD090771.D	alpha-Chlordane	Abdul	10/23/2025 3:57:39 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090752.D	22 Oct 2025 08:22	AR\AJ	Ok
2	I.BLK	PD090753.D	22 Oct 2025 14:32	AR\AJ	Ok
3	PEM	PD090754.D	22 Oct 2025 14:45	AR\AJ	Ok
4	PSTDCCC050	PD090755.D	22 Oct 2025 14:59	AR\AJ	Ok
5	PB170205BL	PD090756.D	22 Oct 2025 15:13	AR\AJ	Ok
6	PB170205BS	PD090757.D	22 Oct 2025 15:26	AR\AJ	Ok
7	Q3399-01	PD090758.D	22 Oct 2025 15:40	AR\AJ	Ok,M
8	Q3399-02	PD090759.D	22 Oct 2025 15:54	AR\AJ	Ok
9	Q3404-01	PD090760.D	22 Oct 2025 16:08	AR\AJ	Ok,M
10	Q3404-04	PD090761.D	22 Oct 2025 16:21	AR\AJ	Ok,M
11	Q3416-01	PD090762.D	22 Oct 2025 16:49	AR\AJ	Ok,M
12	I.BLK	PD090763.D	22 Oct 2025 17:03	AR\AJ	Ok
13	PSTDCCC050	PD090764.D	22 Oct 2025 17:17	AR\AJ	Ok
14	PB170218BL	PD090765.D	22 Oct 2025 17:30	AR\AJ	Ok
15	PB170218BS	PD090766.D	22 Oct 2025 17:44	AR\AJ	Ok
16	PB170172TB	PD090767.D	22 Oct 2025 17:58	AR\AJ	Ok
17	Q3399-01MS	PD090768.D	22 Oct 2025 18:11	AR\AJ	Ok,M
18	Q3399-01MSD	PD090769.D	22 Oct 2025 18:25	AR\AJ	Ok,M
19	Q3399-02MS	PD090770.D	22 Oct 2025 18:38	AR\AJ	Ok
20	Q3399-02MSD	PD090771.D	22 Oct 2025 18:52	AR\AJ	Ok,M
21	I.BLK	PD090772.D	22 Oct 2025 19:06	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PSTDCCC050	PD090773.D	22 Oct 2025 19:19	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090752.D	22 Oct 2025 08:22		AR\AJ	Ok
2	I.BLK	I.BLK	PD090753.D	22 Oct 2025 14:32		AR\AJ	Ok
3	PEM	PEM	PD090754.D	22 Oct 2025 14:45		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090755.D	22 Oct 2025 14:59		AR\AJ	Ok
5	PB170205BL	PB170205BL	PD090756.D	22 Oct 2025 15:13		AR\AJ	Ok
6	PB170205BS	PB170205BS	PD090757.D	22 Oct 2025 15:26		AR\AJ	Ok
7	Q3399-01	COMP-ROLLOFF	PD090758.D	22 Oct 2025 15:40		AR\AJ	Ok,M
8	Q3399-02	COMP-ROLLOFF	PD090759.D	22 Oct 2025 15:54		AR\AJ	Ok
9	Q3404-01	MOO-25-0285-0288	PD090760.D	22 Oct 2025 16:08		AR\AJ	Ok,M
10	Q3404-04	MOO-25-0292	PD090761.D	22 Oct 2025 16:21		AR\AJ	Ok,M
11	Q3416-01	NB-08-10212025	PD090762.D	22 Oct 2025 16:49		AR\AJ	Ok,M
12	I.BLK	I.BLK	PD090763.D	22 Oct 2025 17:03		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PD090764.D	22 Oct 2025 17:17		AR\AJ	Ok
14	PB170218BL	PB170218BL	PD090765.D	22 Oct 2025 17:30		AR\AJ	Ok
15	PB170218BS	PB170218BS	PD090766.D	22 Oct 2025 17:44		AR\AJ	Ok
16	PB170172TB	PB170172TB	PD090767.D	22 Oct 2025 17:58		AR\AJ	Ok
17	Q3399-01MS	COMP-ROLLOFFMS	PD090768.D	22 Oct 2025 18:11		AR\AJ	Ok,M
18	Q3399-01MSD	COMP-ROLLOFFMSD	PD090769.D	22 Oct 2025 18:25		AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM		
SubDirectory	PD102225	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3399-02MS	COMP-ROLLOFFMS	PD090770.D	22 Oct 2025 18:38		AR\AJ	Ok
20	Q3399-02MSD	COMP-ROLLOFFMSD	PD090771.D	22 Oct 2025 18:52		AR\AJ	Ok,M
21	I.BLK	I.BLK	PD090772.D	22 Oct 2025 19:06		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PD090773.D	22 Oct 2025 19:19		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40718710

Start Prep Date : 10/21/2025 **Time :** 14:00

End Prep Date : 10/22/2025 **Time :** 07:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 22 °C

Final Room Temperature: 21 °C

TCLP Technician Signature :

Supervisor By :

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	TCP Room	SHG. Ext / EXT
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

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TCLP Fluid Determination

PB170172

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3406 **WorkList ID :** 192576 **Department :** TCLP Extraction **Date :** 10-21-2025 09:34:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3368-07	PRESS-SLUDGE	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3397-04	TP-7-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311
Q3399-02	COMP-ROLLOFF	Solid	TCLP Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311
Q3402-03	41-LA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-06	41-RA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-09	41-LB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-12	41-RB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3403-04	MH-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-02	MOO-25-0285-0288	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-06	MOO-25-0292	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3406-02	ARS20-0037	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3412-04	TP-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311

Date/Time 10/21/25 12:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/21/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170218

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 10:12

Extraction End Date : 10/22/2025

Extraction End Time : 14:30

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2652
Hexane	N/A	E3978
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Extlab)	R-Test/PCB Lab
	Preparation Group	Analysis Group

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EXTRACTION LOGPAGE

PrepBatch ID : PB170218

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170172TB	PB170172TB	TCLP Pesticide	100	6	RUPESH	Evelyn	10			SEP-1
PB170218BL	PBLK218	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			2
PB170218BS	PLCS218	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			3
Q3399-02	COMP-ROLLOFF	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		4
Q3399-02MS	COMP-ROLLOFFMS	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		5
Q3399-02MSD	COMP-ROLLOFFMSD	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		6

RJ 10/22

* **Extracts relinguished on the same date as received.**

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TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

10/22/15
09:30

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

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TECHNICAL GROUP

A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PP075949.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	9.20	U	1	4.40	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
11104-28-2	Aroclor-1221	14.4	U	1	4.50	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11141-16-5	Aroclor-1232	9.20	U	1	4.10	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
53469-21-9	Aroclor-1242	9.20	U	1	4.50	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
12672-29-6	Aroclor-1248	14.4	U	1	6.60	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11097-69-1	Aroclor-1254	9.20	U	1	3.60	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
37324-23-5	Aroclor-1262	14.4	U	1	5.60	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11100-14-4	Aroclor-1268	9.20	U	1	4.00	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
11096-82-5	Aroclor-1260	9.20	U	1	3.60	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	22.5			44 - 130		113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.0			60 - 125		90%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP075940.D	PIBLK-PP075940.D	Tetrachloro-m-xyl	1	20	19.8	99		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	17.2	86		60	140
		Decachlorobiphen	2	20	18.6	93		60	140
Q3399-01	COMP-ROLLOFF	Tetrachloro-m-xyl	1	20	22.4	112		44	130
		Decachlorobiphen	1	20	18.0	90		60	125
		Tetrachloro-m-xyl	2	20	22.5	113		44	130
		Decachlorobiphen	2	20	16.3	81		60	125
I.BLK-PP075954.D	PIBLK-PP075954.D	Tetrachloro-m-xyl	1	20	19.3	96		60	140
		Decachlorobiphen	1	20	21.3	107		60	140
		Tetrachloro-m-xyl	2	20	17.3	87		60	140
		Decachlorobiphen	2	20	19.5	98		60	140
PB170204BL	PB170204BL	Tetrachloro-m-xyl	1	20	23.3	116		44	130
		Decachlorobiphen	1	20	24.9	125		60	125
		Tetrachloro-m-xyl	2	20	21.1	105		44	130
		Decachlorobiphen	2	20	23.0	115		60	125
PB170204BS	PB170204BS	Tetrachloro-m-xyl	1	20	24.0	120		44	130
		Decachlorobiphen	1	20	24.8	124		60	125
		Tetrachloro-m-xyl	2	20	21.8	109		44	130
		Decachlorobiphen	2	20	23.1	116		60	125
Q3416-01MS	NB-08-10212025MS	Tetrachloro-m-xyl	1	20	20.2	101		44	130
		Decachlorobiphen	1	20	24.1	120		60	125
		Tetrachloro-m-xyl	2	20	22.9	115		44	130
		Decachlorobiphen	2	20	18.1	91		60	125
Q3416-01MSD	NB-08-10212025MSD	Tetrachloro-m-xyl	1	20	19.6	98		44	130
		Decachlorobiphen	1	20	22.6	113		60	125
		Tetrachloro-m-xyl	2	20	21.3	106		44	130
		Decachlorobiphen	2	20	16.7	84		60	125
I.BLK-PP075964.D	PIBLK-PP075964.D	Tetrachloro-m-xyl	1	20	19.5	97		60	140
		Decachlorobiphen	1	20	20.8	104		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	16.6	83		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8082A

Client: ICE Service Group, Inc. **DataFile :** PP075958.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3416-01MS (Column 1)**	**Client Sample ID:**		**NB-08-10212025MS**								
	AR1016	177.2	0	141	ug/kg	80				47	134	
	AR1260	177.2	0	151	ug/kg	85				53	140	
Lab Sample ID:	**Q3416-01MS (Column 2)**	**Client Sample ID:**		**NB-08-10212025MS**								
	AR1016	177.2	0	139	ug/kg	78				47	134	
	AR1260	177.2	0	121	ug/kg	68				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8082A

Client: ICE Service Group, Inc. **DataFile :** PP075959.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3416-01MSD (Column 1)**	**Client Sample ID:**		**NB-08-10212025MSD**								
	AR1016	177.3	0	137	ug/kg	77		4		47	134	20
	AR1260	177.3	0	143	ug/kg	81		5		53	140	20
Lab Sample ID:	**Q3416-01MSD (Column 2)**	**Client Sample ID:**		**NB-08-10212025MSD**								
	AR1016	177.3	0	132	ug/kg	74		5		47	134	20
	AR1260	177.3	0	117	ug/kg	66		3		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8082A

Client: ICE Service Group, Inc. **Datafile :** PP075956.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170204BS (Column 1)	AR1016	166.6	185	ug/kg	111				47	134	
	AR1260	166.6	193	ug/kg	116				53	140	
PB170204BS (Column 2)	AR1016	166.6	176	ug/kg	106				47	134	
	AR1260	166.6	203	ug/kg	122				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170204BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170204BL | Lab File ID: PP075955.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025 | Date Analyzed (2): 10/22/2025

Time Analyzed (1): 21:26 | Time Analyzed (2): 21:26

Instrument ID (1): ECD_P | Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-ROLLOFF	Q3399-01	PP075949.D	10/22/2025	10/22/2025
PB170204BS	PB170204BS	PP075956.D	10/22/2025	10/22/2025
NB-08-10212025MS	Q3416-01MS	PP075958.D	10/22/2025	10/22/2025
NB-08-10212025MSD	Q3416-01MSD	PP075959.D	10/22/2025	10/22/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PP075955.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170204BL	SDG No.:	Q3399
Lab Sample ID:	PB170204BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	8.30	U	1	3.90	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
11104-28-2	Aroclor-1221	13.0	U	1	4.00	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11141-16-5	Aroclor-1232	8.30	U	1	3.70	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
53469-21-9	Aroclor-1242	8.30	U	1	4.00	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
12672-29-6	Aroclor-1248	13.0	U	1	5.90	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11097-69-1	Aroclor-1254	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
37324-23-5	Aroclor-1262	13.0	U	1	5.00	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11100-14-4	Aroclor-1268	8.30	U	1	3.60	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
11096-82-5	Aroclor-1260	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	23.3			44 - 130		116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.9			60 - 125		125%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/21/25	PP102125
SURROGATES										
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140		94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140		96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PP075940.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075940.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/22/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/22/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/22/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/22/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/22/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/22/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/22/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.2			60 - 140		86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.6			60 - 140		93%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PP075954.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075954.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/22/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/22/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/22/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/22/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/22/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/22/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/22/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.3			60 - 140		87%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.5			60 - 140		98%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PP075964.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075964.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/23/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/23/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/23/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/23/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/23/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/23/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/23/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/23/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/23/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.9			60 - 140		90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.6			60 - 140		83%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PP075956.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170204BS	SDG No.:	Q3399
Lab Sample ID:	PB170204BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	185		1	3.90	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
11104-28-2	Aroclor-1221	13.0	U	1	4.00	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11141-16-5	Aroclor-1232	8.30	U	1	3.70	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
53469-21-9	Aroclor-1242	8.30	U	1	4.00	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
12672-29-6	Aroclor-1248	13.0	U	1	5.90	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11097-69-1	Aroclor-1254	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
37324-23-5	Aroclor-1262	13.0	U	1	5.00	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11100-14-4	Aroclor-1268	8.30	U	1	3.60	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
11096-82-5	Aroclor-1260	203		1	3.20	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	24.0			44 - 130		120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.8			60 - 125		124%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PP075958.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	NB-08-10212025MS	SDG No.:	Q3399
Lab Sample ID:	Q3416-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.8
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	141		1	4.20	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
11104-28-2	Aroclor-1221	13.8	U	1	4.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11141-16-5	Aroclor-1232	8.80	U	1	4.00	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
53469-21-9	Aroclor-1242	8.80	U	1	4.30	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
12672-29-6	Aroclor-1248	13.8	U	1	6.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11097-69-1	Aroclor-1254	8.80	U	1	3.40	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
37324-23-5	Aroclor-1262	13.8	U	1	5.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11100-14-4	Aroclor-1268	8.80	U	1	3.80	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
11096-82-5	Aroclor-1260	151		1	3.40	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	22.9			44 - 130		115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.1			60 - 125		120%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PP075959.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	NB-08-10212025MSD	SDG No.:	Q3399
Lab Sample ID:	Q3416-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.8
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	137		1	4.20	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
11104-28-2	Aroclor-1221	13.8	U	1	4.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11141-16-5	Aroclor-1232	8.80	U	1	4.00	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
53469-21-9	Aroclor-1242	8.80	U	1	4.30	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
12672-29-6	Aroclor-1248	13.8	U	1	6.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11097-69-1	Aroclor-1254	8.80	U	1	3.40	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
37324-23-5	Aroclor-1262	13.8	U	1	5.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11100-14-4	Aroclor-1268	8.80	U	1	3.80	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
11096-82-5	Aroclor-1260	143		1	3.40	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	21.3			44 - 130		106%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.6			60 - 125		113%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP075888.D **CF 750 =** PP075889.D

CF 500 = PP075890.D **CF 250 =** PP075891.D **CF 050 =** PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032	3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349	10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495	9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573	10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946	8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124	3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542	6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875	11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527	14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685	15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930	3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597	7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766	3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297	4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713	5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163	15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529	6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603	2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905	8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158	4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901	5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780	9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351	4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822	12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646	9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747	13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998	11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762	12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842	8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496	12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375	6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846	3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007	4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:56 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:56 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.79	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075936.D **Time Analyzed:** 14:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.799	5.695	5.895	470.840	500.000	-5.8
Aroclor-1016-2	5.821	5.717	5.917	474.670	500.000	-5.1
Aroclor-1016-3	5.883	5.780	5.980	473.780	500.000	-5.2
Aroclor-1016-4	5.980	5.877	6.077	476.450	500.000	-4.7
Aroclor-1016-5	6.273	6.169	6.369	466.280	500.000	-6.7
Aroclor-1260-1	7.391	7.287	7.487	500.580	500.000	0.1
Aroclor-1260-2	7.644	7.540	7.740	474.300	500.000	-5.1
Aroclor-1260-3	8.002	7.899	8.099	487.640	500.000	-2.5
Aroclor-1260-4	8.231	8.127	8.327	528.640	500.000	5.7
Aroclor-1260-5	8.556	8.452	8.652	487.680	500.000	-2.5
Decachlorobiphenyl	10.425	10.319	10.519	48.820	50.000	-2.4
Tetrachloro-m-xylene	4.646	4.542	4.742	46.990	50.000	-6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075936.D **Time Analyzed:** 14:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.879	4.778	4.978	528.020	500.000	5.6
Aroclor-1016-2	4.937	4.836	5.036	553.110	500.000	10.6
Aroclor-1016-3	5.057	4.954	5.154	499.640	500.000	-0.1
Aroclor-1016-4	5.098	4.996	5.196	547.630	500.000	9.5
Aroclor-1016-5	5.312	5.210	5.410	513.760	500.000	2.8
Aroclor-1260-1	6.339	6.238	6.438	507.530	500.000	1.5
Aroclor-1260-2	6.527	6.425	6.625	510.050	500.000	2.0
Aroclor-1260-3	6.680	6.578	6.778	527.650	500.000	5.5
Aroclor-1260-4	7.149	7.047	7.247	521.350	500.000	4.3
Aroclor-1260-5	7.390	7.287	7.487	505.960	500.000	1.2
Decachlorobiphenyl	8.785	8.682	8.882	46.960	50.000	-6.1
Tetrachloro-m-xylene	3.784	3.681	3.881	49.710	50.000	-0.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:33 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:33 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075950.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.800	5.695	5.895	488.030	500.000	-2.4
Aroclor-1016-2	5.821	5.717	5.917	491.100	500.000	-1.8
Aroclor-1016-3	5.884	5.780	5.980	491.820	500.000	-1.6
Aroclor-1016-4	5.981	5.877	6.077	496.440	500.000	-0.7
Aroclor-1016-5	6.274	6.169	6.369	487.670	500.000	-2.5
Aroclor-1260-1	7.392	7.287	7.487	525.000	500.000	5.0
Aroclor-1260-2	7.644	7.540	7.740	492.510	500.000	-1.5
Aroclor-1260-3	8.002	7.899	8.099	511.510	500.000	2.3
Aroclor-1260-4	8.231	8.127	8.327	553.360	500.000	10.7
Aroclor-1260-5	8.556	8.452	8.652	504.440	500.000	0.9
Decachlorobiphenyl	10.425	10.319	10.519	50.330	50.000	0.7
Tetrachloro-m-xylene	4.647	4.542	4.742	48.150	50.000	-3.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075950.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.880	4.778	4.978	541.730	500.000	8.3
Aroclor-1016-2	4.939	4.836	5.036	554.500	500.000	10.9
Aroclor-1016-3	5.058	4.954	5.154	528.400	500.000	5.7
Aroclor-1016-4	5.099	4.996	5.196	555.970	500.000	11.2
Aroclor-1016-5	5.312	5.210	5.410	511.680	500.000	2.3
Aroclor-1260-1	6.340	6.238	6.438	521.230	500.000	4.2
Aroclor-1260-2	6.527	6.425	6.625	540.440	500.000	8.1
Aroclor-1260-3	6.680	6.578	6.778	546.110	500.000	9.2
Aroclor-1260-4	7.150	7.047	7.247	577.530	500.000	15.5
Aroclor-1260-5	7.389	7.287	7.487	556.220	500.000	11.2
Decachlorobiphenyl	8.784	8.682	8.882	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.784	3.681	3.881	51.410	50.000	2.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 23:37 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.42	10.42	10.32	10.52	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 23:37 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075960.D **Time Analyzed:** 23:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.797	5.695	5.895	479.930	500.000	-4.0
Aroclor-1016-2	5.818	5.717	5.917	473.690	500.000	-5.3
Aroclor-1016-3	5.881	5.780	5.980	479.690	500.000	-4.1
Aroclor-1016-4	5.978	5.877	6.077	484.760	500.000	-3.0
Aroclor-1016-5	6.270	6.169	6.369	460.940	500.000	-7.8
Aroclor-1260-1	7.388	7.287	7.487	500.800	500.000	0.2
Aroclor-1260-2	7.641	7.540	7.740	467.710	500.000	-6.5
Aroclor-1260-3	8.000	7.899	8.099	485.880	500.000	-2.8
Aroclor-1260-4	8.227	8.127	8.327	517.750	500.000	3.6
Aroclor-1260-5	8.553	8.452	8.652	475.440	500.000	-4.9
Decachlorobiphenyl	10.418	10.319	10.519	48.370	50.000	-3.3
Tetrachloro-m-xylene	4.644	4.542	4.742	47.950	50.000	-4.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075960.D **Time Analyzed:** 23:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.879	4.778	4.978	548.720	500.000	9.7
Aroclor-1016-2	4.936	4.836	5.036	627.760	500.000	25.6
Aroclor-1016-3	5.056	4.954	5.154	557.340	500.000	11.5
Aroclor-1016-4	5.097	4.996	5.196	578.510	500.000	15.7
Aroclor-1016-5	5.311	5.210	5.410	499.120	500.000	-0.2
Aroclor-1260-1	6.338	6.238	6.438	435.450	500.000	-12.9
Aroclor-1260-2	6.525	6.425	6.625	459.310	500.000	-8.1
Aroclor-1260-3	6.678	6.578	6.778	488.450	500.000	-2.3
Aroclor-1260-4	7.147	7.047	7.247	477.190	500.000	-4.6
Aroclor-1260-5	7.387	7.287	7.487	451.150	500.000	-9.8
Decachlorobiphenyl	8.782	8.682	8.882	42.880	50.000	-14.2
Tetrachloro-m-xylene	3.783	3.681	3.881	54.340	50.000	8.7

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Fax : 908 789 8922

Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	14:56	PP075936.D	10.43	4.65
I.BLK	I.BLK	10/22/2025	16:01	PP075940.D	10.43	4.65
COMP-ROLLOFF	Q3399-01	10/22/2025	18:27	PP075949.D	10.43	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	19:33	PP075950.D	10.43	4.65
I.BLK	I.BLK	10/22/2025	21:10	PP075954.D	10.42	4.64
PB170204BL	PB170204BL	10/22/2025	21:26	PP075955.D	10.42	4.64
PB170204BS	PB170204BS	10/22/2025	21:43	PP075956.D	10.42	4.65
NB-08-10212025MS	Q3416-01MS	10/22/2025	22:15	PP075958.D	10.42	4.64
NB-08-10212025MSD	Q3416-01MSD	10/22/2025	22:31	PP075959.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	23:37	PP075960.D	10.42	4.64
I.BLK	I.BLK	10/23/2025	01:14	PP075964.D	10.42	4.64

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/22/2025	14:56	PP075936.D	8.79	3.78
I.BLK	I.BLK	10/22/2025	16:01	PP075940.D	8.79	3.78
COMP-ROLLOFF	Q3399-01	10/22/2025	18:27	PP075949.D	8.79	3.78
AR1660CCC500	AR1660CCC500	10/22/2025	19:33	PP075950.D	8.78	3.78
I.BLK	I.BLK	10/22/2025	21:10	PP075954.D	8.78	3.78
PB170204BL	PB170204BL	10/22/2025	21:26	PP075955.D	8.78	3.78
PB170204BS	PB170204BS	10/22/2025	21:43	PP075956.D	8.78	3.78
NB-08-10212025MS	Q3416-01MS	10/22/2025	22:15	PP075958.D	8.78	3.79
NB-08-10212025MSD	Q3416-01MSD	10/22/2025	22:31	PP075959.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/22/2025	23:37	PP075960.D	8.78	3.78
I.BLK	I.BLK	10/23/2025	01:14	PP075964.D	8.78	3.78

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: PB170204BS

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab Sample ID: PB170204BS
Date(s) Analyzed: 10/22/2025 10/22/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP075956.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.799	5.749	5.849	186		
	2	5.82	5.77	5.87	187		
	3	5.883	5.833	5.933	185		
COLUMN 1	4	5.98	5.93	6.03	189		
	5	6.273	6.223	6.323	180	185	
	1	4.879	4.829	4.929	187		
	2	4.938	4.888	4.988	178		
	3	5.056	5.006	5.106	164		
	4	5.096	5.046	5.146	185		
COLUMN 2	5	5.311	5.261	5.361	168	176	4.99
Aroclor-1260	1	7.391	7.341	7.441	206		
	2	7.644	7.594	7.694	192		
	3	8.002	7.952	8.052	169		
COLUMN 1	4	8.229	8.179	8.279	224		
	5	8.555	8.505	8.605	172	193	
	1	6.339	6.289	6.389	203		
	2	6.526	6.476	6.576	207		
	3	6.679	6.629	6.729	214		
	4	7.148	7.098	7.198	201		
COLUMN 2	5	7.388	7.338	7.438	189	203	5.05

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

NB-08-10212025MS

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab Sample ID: Q3416-01MS Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP075958.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.796	5.746	5.846	140		
	2	5.818	5.768	5.868	128		
	3	5.881	5.831	5.931	138		
COLUMN 1	4	5.978	5.928	6.028	154		
	5	6.27	6.22	6.32	144	141	
	1	4.88	4.83	4.93	130		
	2	4.937	4.887	4.987	133		
	3	5.058	5.008	5.108	137		
	4	5.1	5.05	5.15	143		
COLUMN 2	5	5.312	5.262	5.362	153	139	1.43
Aroclor-1260	1	7.388	7.338	7.438	161		
	2	7.641	7.591	7.691	153		
	3	8	7.95	8.05	130		
COLUMN 1	4	8.227	8.177	8.277	177		
	5	8.553	8.503	8.603	136	151	
	1	6.341	6.291	6.391	120		
	2	6.527	6.477	6.577	122		
	3	6.68	6.63	6.73	126		
	4	7.149	7.099	7.199	119		
COLUMN 2	5	7.389	7.339	7.439	117	121	22.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

NB-08-10212025MSD

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab Sample ID: Q3416-01MSD Date(s) Analyzed: 10/22/2025 10/22/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP075959.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.797	5.747	5.847	138		
	2	5.819	5.769	5.869	126		
	3	5.882	5.832	5.932	135		
COLUMN 1	4	5.979	5.929	6.029	148		
	5	6.272	6.222	6.322	136	137	
	1	4.879	4.829	4.929	125		
	2	4.938	4.888	4.988	125		
	3	5.056	5.006	5.106	131		
	4	5.097	5.047	5.147	143		
COLUMN 2	5	5.313	5.263	5.363	136	132	3.72
Aroclor-1260	1	7.39	7.34	7.44	150		
	2	7.643	7.593	7.693	143		
	3	8.001	7.951	8.051	123		
COLUMN 1	4	8.229	8.179	8.279	168		
	5	8.555	8.505	8.605	129	143	
	1	6.34	6.29	6.39	117		
	2	6.527	6.477	6.577	123		
	3	6.68	6.63	6.73	122		
	4	7.149	7.099	7.199	115		
COLUMN 2	5	7.388	7.338	7.438	109	117	20

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:27
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:36:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.784	32064310	149.0E6	22.437	22.506
2)	SA Decachlor...	10.425	8.785	19364317	133.9E6	17.988	16.288
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

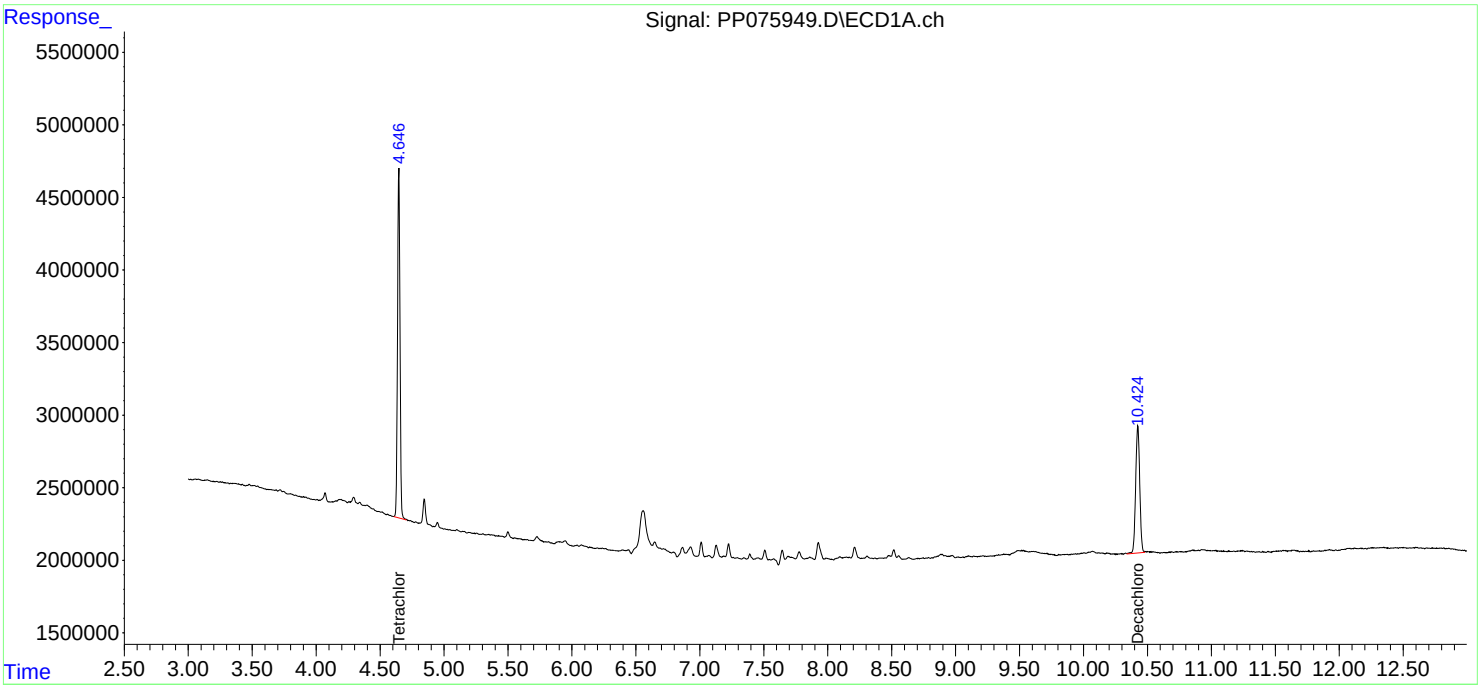
Sample Results: **PP075949.D**

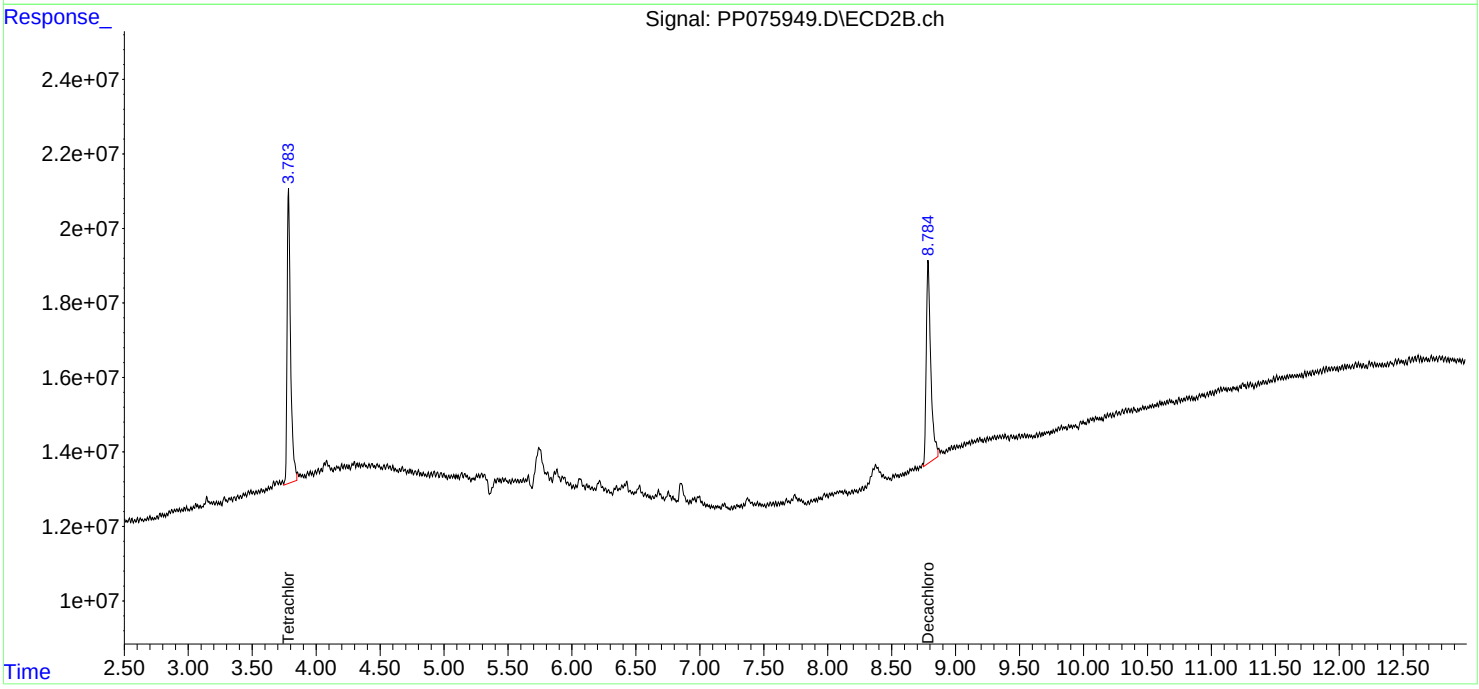
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:27
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

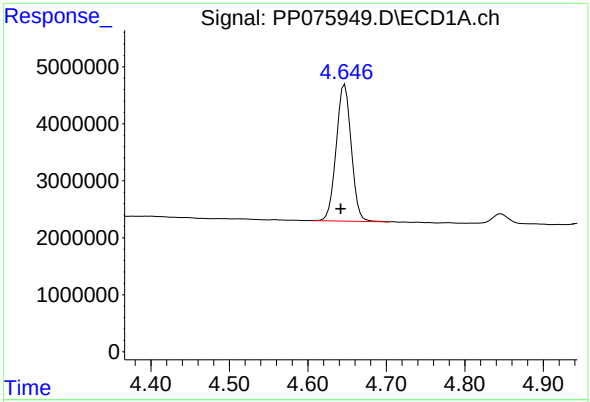
Instrument :
ECD_P
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:36:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



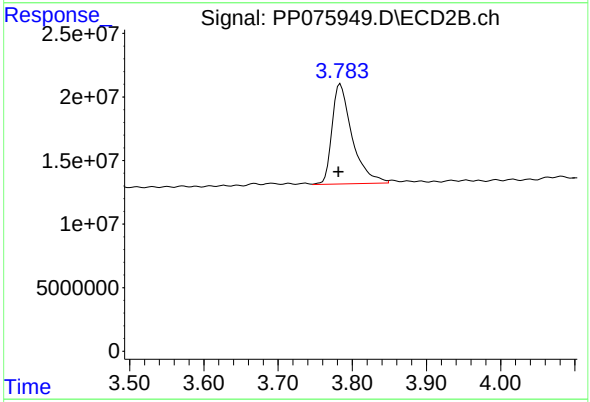




#1 Tetrachloro-m-xylene

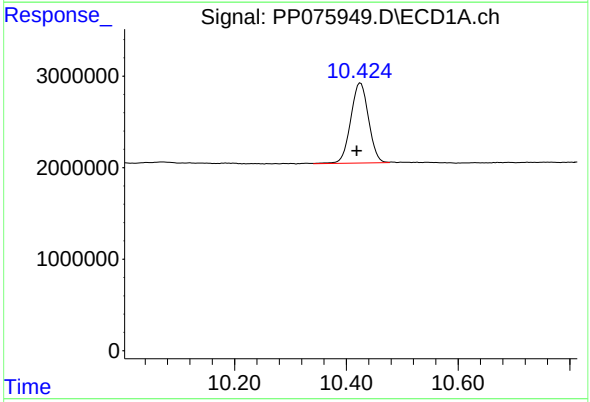
R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 32064310
Conc: 22.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
COMP-ROLLOFF



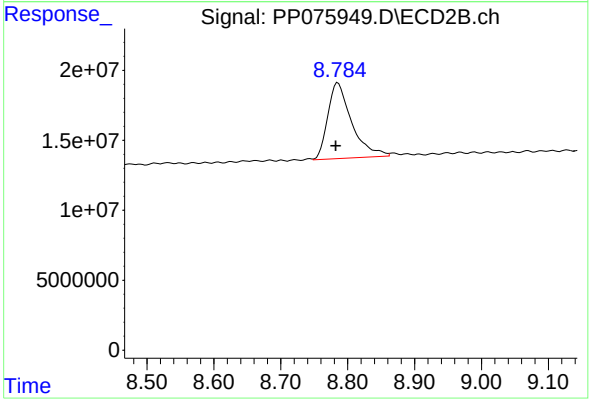
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 148952411
Conc: 22.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.006 min
Response: 19364317
Conc: 17.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 133937699
Conc: 16.29 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:26
Operator : YP\AJ
Sample : PB170204BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170204BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 08:37:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.643	3.783	33227324	139.5E6	23.251	21.081
2)	SA Decachlor...	10.419	8.782	26824455	188.9E6	24.918	22.975
	Target Compounds						

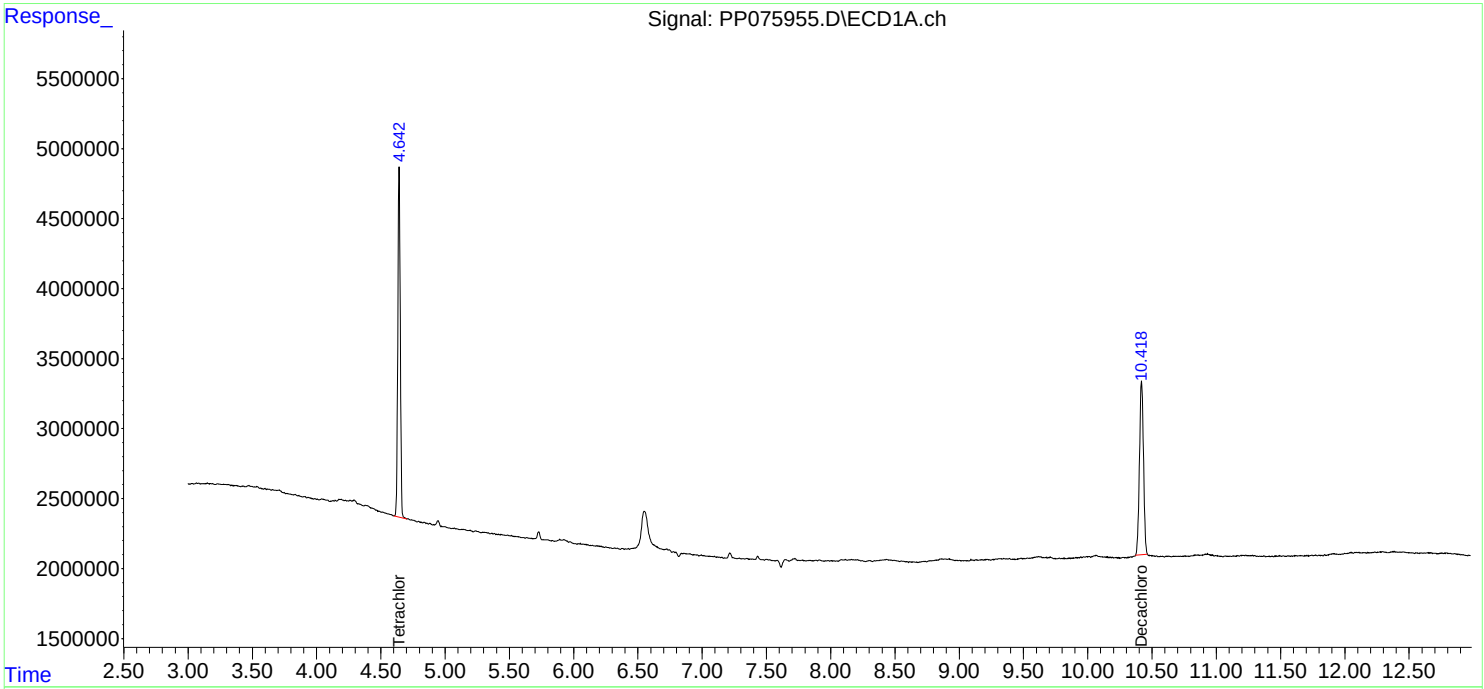
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

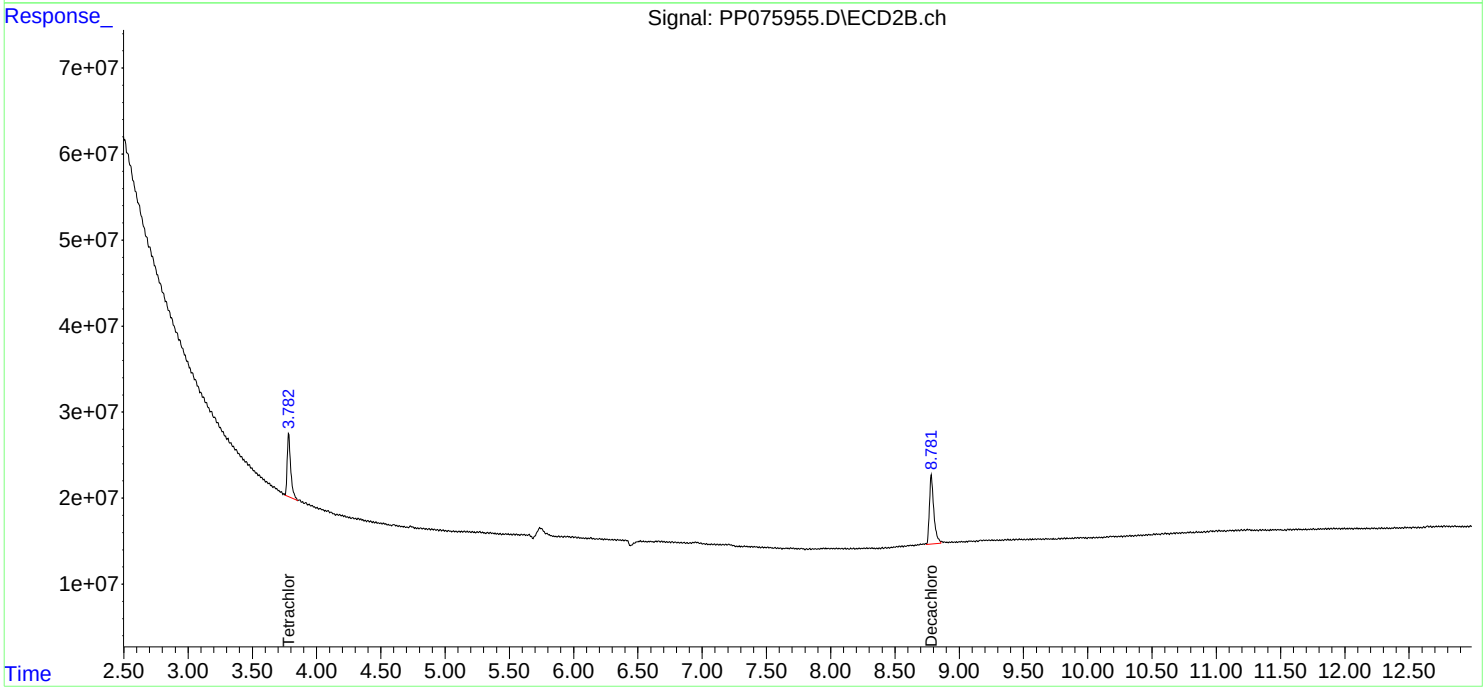
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:26
Operator : YP\AJ
Sample : PB170204BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

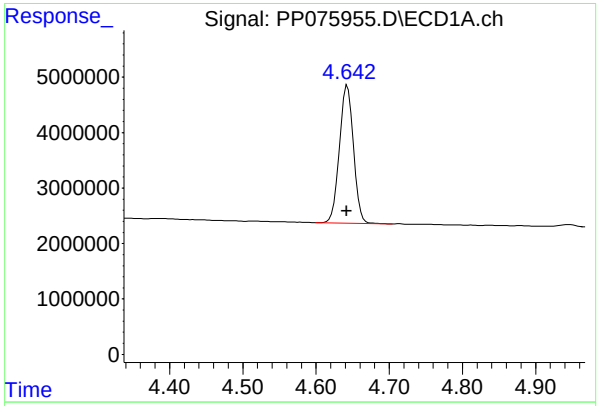
Instrument :
ECD_P
ClientSampleId :
PB170204BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 08:37:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



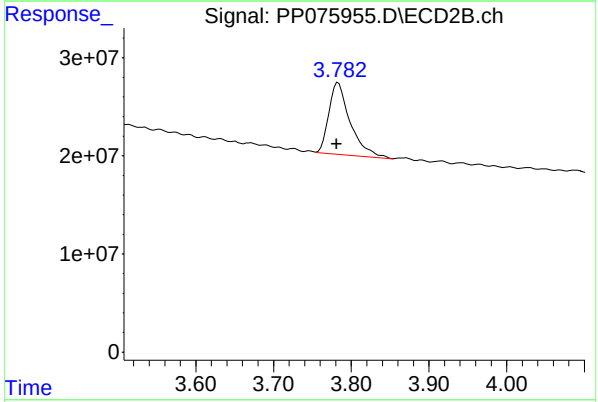




#1 Tetrachloro-m-xylene

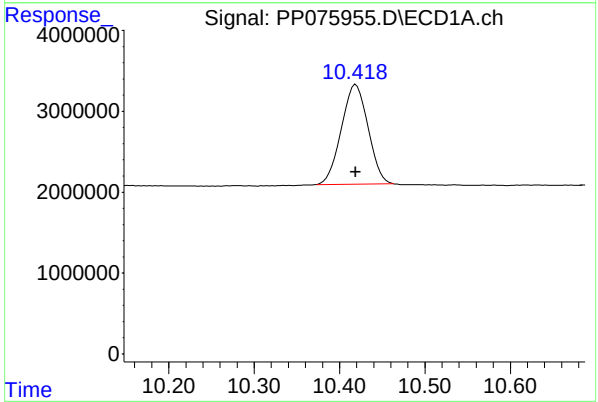
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 33227324
Conc: 23.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170204BL



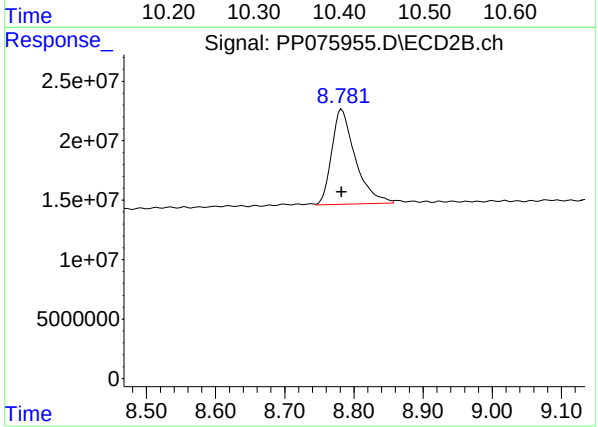
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 139516983
Conc: 21.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 26824455
Conc: 24.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 188922061
Conc: 22.97 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:43
Operator : YP\AJ
Sample : PB170204BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170204BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 08:08:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.783	34323783	144.6E6	24.018	21.842
2)	SA Decachlor...	10.422	8.782	26699521	190.2E6	24.802	23.131
	Target Compounds						
3)	L1 AR-1016-1	5.799	4.879	33059829	415.0E6	559.141	560.707
4)	L1 AR-1016-2	5.820	4.938	49640848	182.5E6	561.268	533.631
5)	L1 AR-1016-3	5.883	5.056	30760104	101.1E6	555.728	492.565
6)	L1 AR-1016-4	5.980	5.096	25723565	103.7E6	566.097	554.878
7)	L1 AR-1016-5	6.273	5.311	23454071	115.0E6	540.348	504.553
31)	L7 AR-1260-1	7.391	6.339	42616409	334.0E6	619.815	609.835
32)	L7 AR-1260-2	7.644	6.526	51722621	505.6E6	577.408	621.295
33)	L7 AR-1260-3	8.002	6.679	35058707	361.2E6	505.996	641.804 #
34)	L7 AR-1260-4	8.229	7.148	46181405	313.8E6	673.479	604.206
35)	L7 AR-1260-5	8.555	7.388	76187356	767.2E6	514.948	565.940

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

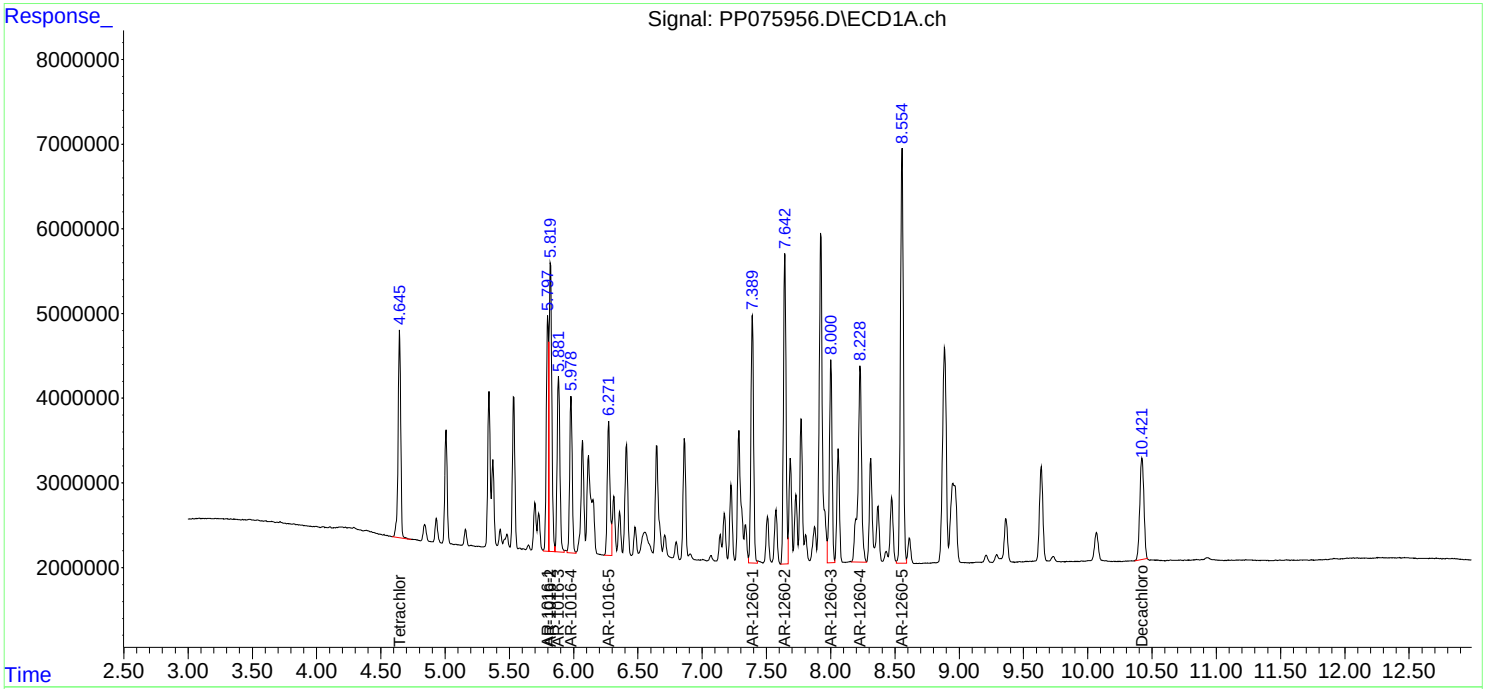
Sample Results: **PP075956.D**

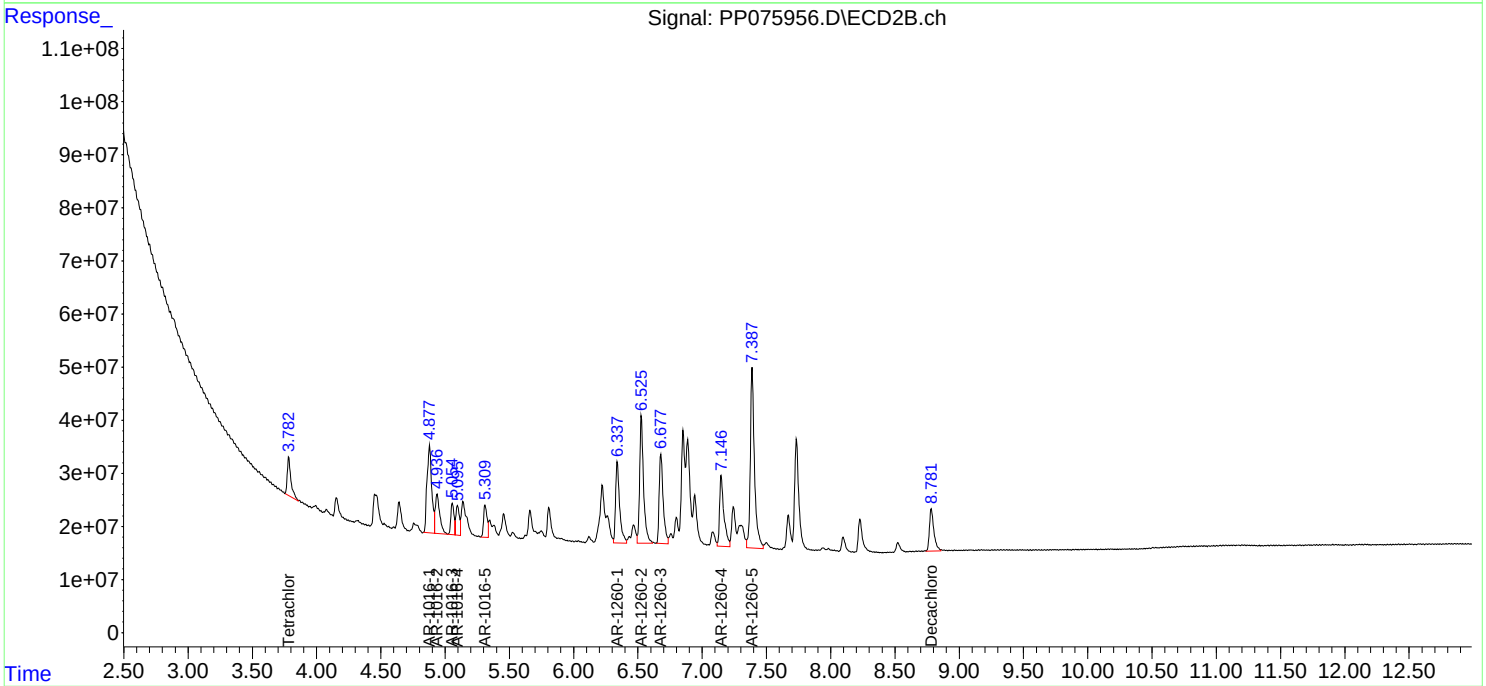
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:43
Operator : YP\AJ
Sample : PB170204BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170204BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 08:08:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 22:15
Operator : YP\AJ
Sample : Q3416-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
NB-08-10212025MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.785	28888464	151.5E6	20.215	22.896
2)	SA Decachlor...	10.419	8.784	25933232	149.3E6	24.090	18.151
	Target Compounds						
3)	L1 AR-1016-1	5.796	4.880	23318738	270.7E6	394.390	365.691
4)	L1 AR-1016-2	5.818	4.937	31840369	128.3E6	360.006	375.083
5)	L1 AR-1016-3	5.881	5.058	21475181	79541384	387.982	387.360
6)	L1 AR-1016-4	5.978	5.100	19772333	75639956	435.129	404.739
7)	L1 AR-1016-5	6.270	5.312	17679211	98580142	407.303	432.401
31)	L7 AR-1260-1	7.388	6.341	31190951	186.2E6	453.643	339.943 #
32)	L7 AR-1260-2	7.641	6.527	38634916	280.6E6	431.303	344.832
33)	L7 AR-1260-3	8.000	6.680	25447967	200.3E6	367.286	356.004
34)	L7 AR-1260-4	8.227	7.149	34260861	174.6E6	499.638	336.263 #
35)	L7 AR-1260-5	8.553	7.389	56612837	446.8E6	382.644	329.609

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

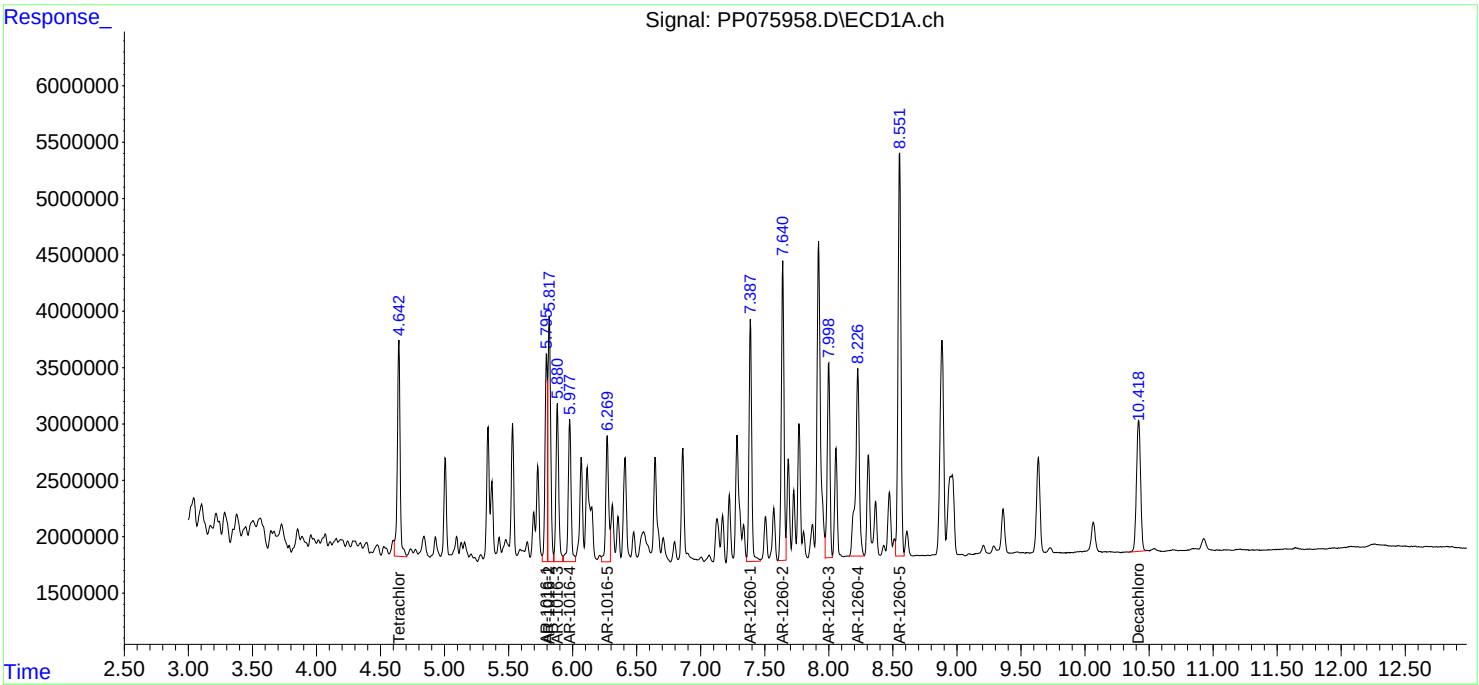
Sample Results: **PP075958.D**

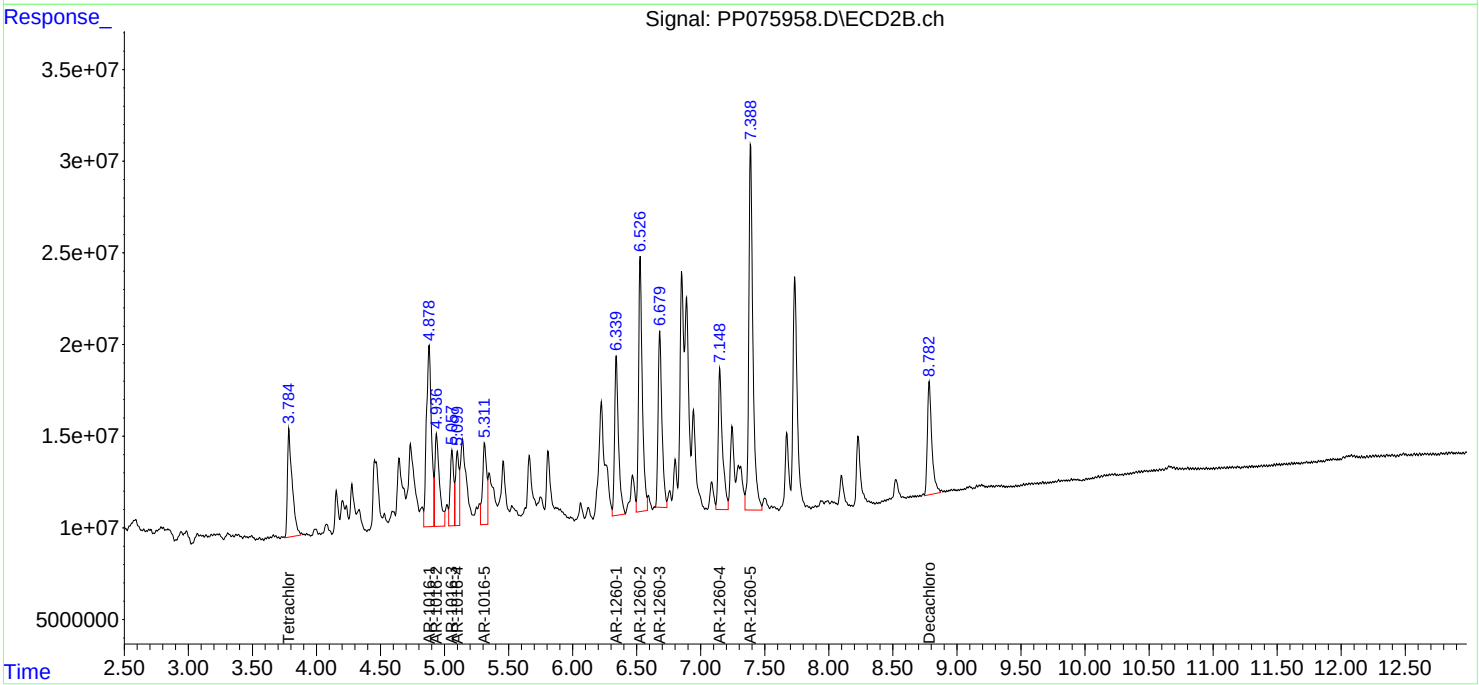
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 22:15
Operator : YP\AJ
Sample : Q3416-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
NB-08-10212025MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 22:31
Operator : YP\AJ
Sample : Q3416-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
NB-08-10212025MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.645	3.784	28057009	140.7E6	19.633	21.259
2) SA	Decachlor...	10.421	8.782	24291653	137.3E6	22.565	16.700 #
	Target Compounds						
3) L1	AR-1016-1	5.797	4.879	23006920	261.8E6	389.116	353.645
4) L1	AR-1016-2	5.819	4.938	31527550	120.7E6	356.469	352.891
5) L1	AR-1016-3	5.882	5.056	21098430	75841645	381.175	369.342
6) L1	AR-1016-4	5.979	5.097	18908817	75602896	416.125	404.541
7) L1	AR-1016-5	6.272	5.313	16652302	87510468	383.645	383.847
31) L7	AR-1260-1	7.390	6.340	29010289	181.2E6	421.927	330.832
32) L7	AR-1260-2	7.643	6.527	36082186	282.9E6	402.805	347.597
33) L7	AR-1260-3	8.001	6.680	24126303	192.8E6	348.210	342.599
34) L7	AR-1260-4	8.229	7.149	32551538	168.5E6	474.710	324.392 #
35) L7	AR-1260-5	8.555	7.388	53854802	416.1E6	364.003	306.930

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

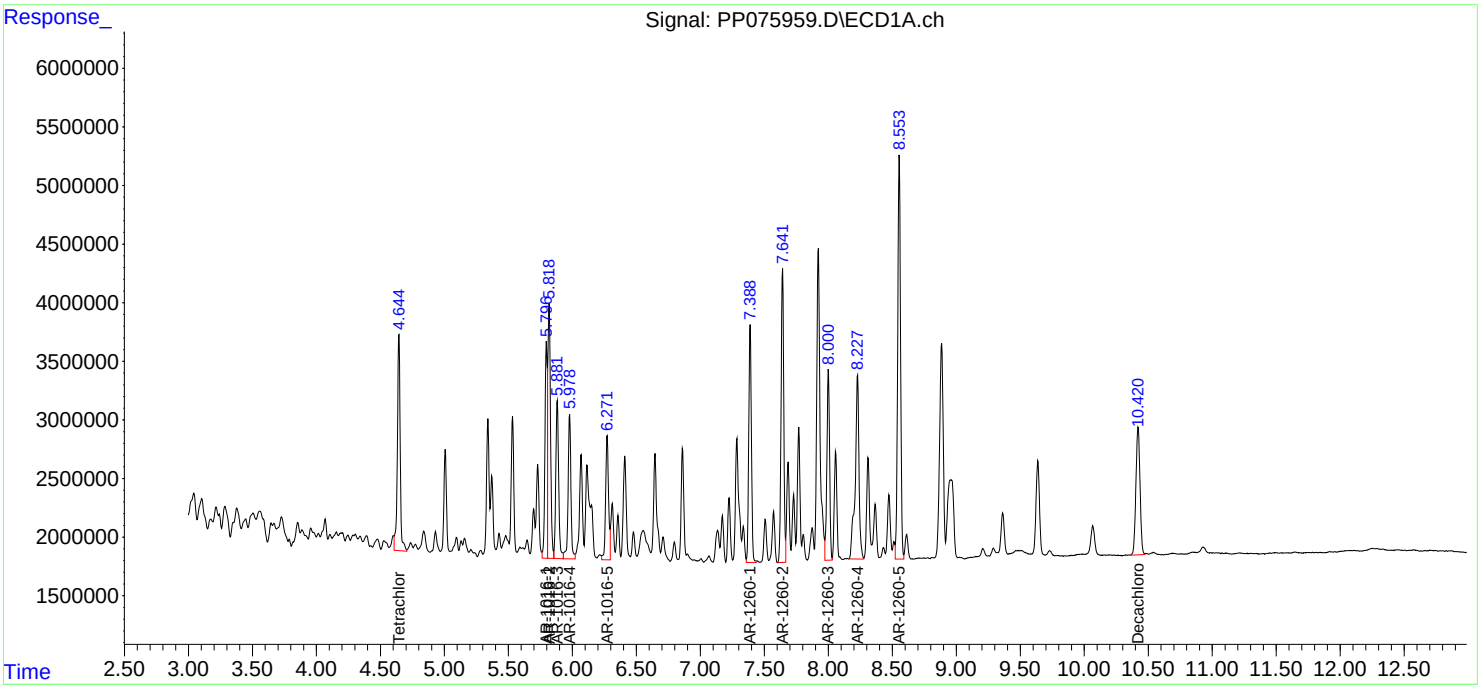
Sample Results: **PP075959.D**

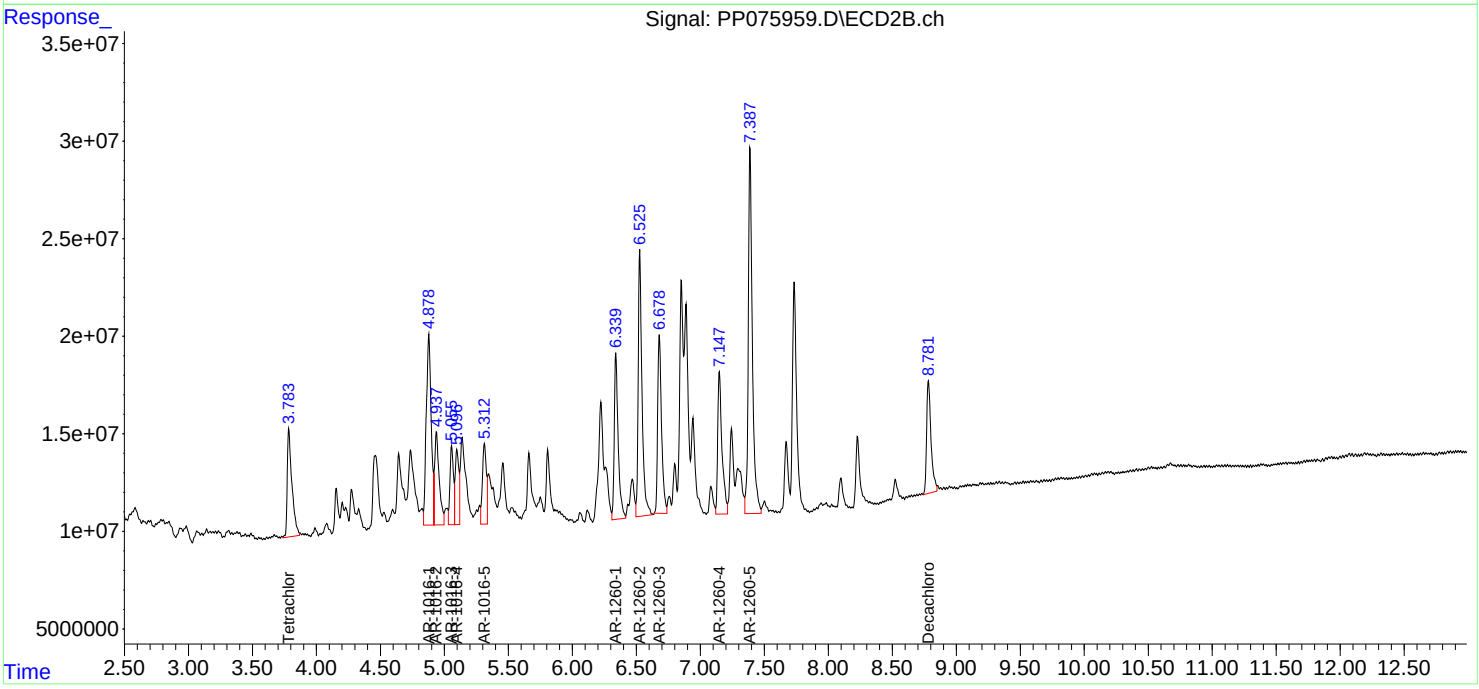
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 22:31
Operator : YP\AJ
Sample : Q3416-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
NB-08-10212025MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC1000	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC1000	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC1000	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp102225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC50 0	PP075924.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:18 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC50 0	PP075924.D	AR-1242-5 #2	yogesh	10/23/2025 4:57:18 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC50 0	PP075925.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:21 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC50 0	PP075925.D	AR-1248-4 #2	yogesh	10/23/2025 4:57:21 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC50 0	PP075926.D	AR-1254-1	yogesh	10/23/2025 4:57:23 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC50 0	PP075937.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:34 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC50 0	PP075938.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:36 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC50 0	PP075951.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:48 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC50 0	PP075952.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:49 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC50 0	PP075953.D	AR-1254-1	yogesh	10/23/2025 4:57:51 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC50 0	PP075953.D	Tetrachloro-m-xylene	yogesh	10/23/2025 4:57:51 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC50 0	PP075961.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:53 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC50 0	PP075962.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:55 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp102225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP075962.D	AR-1248-5 #2	yogesh	10/23/2025 4:57:55 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075963.D	AR-1254-1	yogesh	10/23/2025 4:57:56 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075963.D	AR-1254-1 #2	yogesh	10/23/2025 4:57:56 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075963.D	AR-1254-2 #2	yogesh	10/23/2025 4:57:56 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM		
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM		
SubDirectory	PP102225	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075922.D	22 Oct 2025 10:15	YP\AJ	Ok
2	AR1660CCC500	PP075923.D	22 Oct 2025 10:32	YP\AJ	Ok
3	AR1242CCC500	PP075924.D	22 Oct 2025 10:52	YP\AJ	Ok,M
4	AR1248CCC500	PP075925.D	22 Oct 2025 11:08	YP\AJ	Ok,M
5	AR1254CCC500	PP075926.D	22 Oct 2025 11:24	YP\AJ	Ok,M
6	I.BLK	PP075927.D	22 Oct 2025 11:40	YP\AJ	Ok
7	Q3407-13	PP075928.D	22 Oct 2025 11:57	YP\AJ	Ok,M
8	Q3407-14	PP075929.D	22 Oct 2025 12:13	YP\AJ	Ok,M
9	Q3407-15	PP075930.D	22 Oct 2025 12:29	YP\AJ	Ok
10	Q3407-16	PP075931.D	22 Oct 2025 12:45	YP\AJ	Ok,M
11	Q3407-17	PP075932.D	22 Oct 2025 13:02	YP\AJ	Ok,M
12	Q3407-18	PP075933.D	22 Oct 2025 13:18	YP\AJ	Ok,M
13	Q3407-19	PP075934.D	22 Oct 2025 13:34	YP\AJ	Ok
14	Q3407-20	PP075935.D	22 Oct 2025 13:51	YP\AJ	Ok
15	AR1660CCC500	PP075936.D	22 Oct 2025 14:56	YP\AJ	Ok
16	AR1242CCC500	PP075937.D	22 Oct 2025 15:12	YP\AJ	Ok,M
17	AR1248CCC500	PP075938.D	22 Oct 2025 15:28	YP\AJ	Ok,M
18	AR1254CCC500	PP075939.D	22 Oct 2025 15:45	YP\AJ	Ok
19	I.BLK	PP075940.D	22 Oct 2025 16:01	YP\AJ	Ok
20	PB170199BL	PP075941.D	22 Oct 2025 16:17	YP\AJ	Ok
21	PB170199BS	PP075942.D	22 Oct 2025 16:34	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM		
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM		
SubDirectory	PP102225	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3415-01	PP075943.D	22 Oct 2025 16:50	YP\AJ	Dilution
23	Q3415-02	PP075944.D	22 Oct 2025 17:06	YP\AJ	Dilution
24	Q3415-03	PP075945.D	22 Oct 2025 17:22	YP\AJ	Dilution
25	Q3418-01	PP075946.D	22 Oct 2025 17:39	YP\AJ	Ok,M
26	Q3418-02	PP075947.D	22 Oct 2025 17:55	YP\AJ	Ok
27	Q3418-03	PP075948.D	22 Oct 2025 18:11	YP\AJ	Ok,M
28	Q3399-01	PP075949.D	22 Oct 2025 18:27	YP\AJ	Ok
29	AR1660CCC500	PP075950.D	22 Oct 2025 19:33	YP\AJ	Ok
30	AR1242CCC500	PP075951.D	22 Oct 2025 20:21	YP\AJ	Ok,M
31	AR1248CCC500	PP075952.D	22 Oct 2025 20:38	YP\AJ	Ok,M
32	AR1254CCC500	PP075953.D	22 Oct 2025 20:54	YP\AJ	Ok,M
33	I.BLK	PP075954.D	22 Oct 2025 21:10	YP\AJ	Ok
34	PB170204BL	PP075955.D	22 Oct 2025 21:26	YP\AJ	Ok
35	PB170204BS	PP075956.D	22 Oct 2025 21:43	YP\AJ	Ok
36	Q3416-01	PP075957.D	22 Oct 2025 21:59	YP\AJ	Ok
37	Q3416-01MS	PP075958.D	22 Oct 2025 22:15	YP\AJ	Ok
38	Q3416-01MSD	PP075959.D	22 Oct 2025 22:31	YP\AJ	Ok
39	AR1660CCC500	PP075960.D	22 Oct 2025 23:37	YP\AJ	Ok,NR
40	AR1242CCC500	PP075961.D	23 Oct 2025 00:25	YP\AJ	Ok,M
41	AR1248CCC500	PP075962.D	23 Oct 2025 00:41	YP\AJ	Ok,M
42	AR1254CCC500	PP075963.D	23 Oct 2025 00:58	YP\AJ	Ok,M
43	I.BLK	PP075964.D	23 Oct 2025 01:14	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP075904.D	21 Oct 2025 13:46		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YP\AJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YP\AJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM		
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM		
SubDirectory	PP102225	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075922.D	22 Oct 2025 10:15		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP075923.D	22 Oct 2025 10:32		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP075924.D	22 Oct 2025 10:52		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP075925.D	22 Oct 2025 11:08		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP075926.D	22 Oct 2025 11:24		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP075927.D	22 Oct 2025 11:40		YP\AJ	Ok
7	Q3407-13	L41-A	PP075928.D	22 Oct 2025 11:57	AR1254 hit	YP\AJ	Ok,M
8	Q3407-14	L41-B	PP075929.D	22 Oct 2025 12:13	AR1254 hit	YP\AJ	Ok,M
9	Q3407-15	L42-A	PP075930.D	22 Oct 2025 12:29		YP\AJ	Ok
10	Q3407-16	L42-B	PP075931.D	22 Oct 2025 12:45		YP\AJ	Ok,M
11	Q3407-17	L43-A	PP075932.D	22 Oct 2025 13:02		YP\AJ	Ok,M
12	Q3407-18	L43-B	PP075933.D	22 Oct 2025 13:18		YP\AJ	Ok,M
13	Q3407-19	L44-A	PP075934.D	22 Oct 2025 13:34	DCB high in 1st column	YP\AJ	Ok
14	Q3407-20	L44-B	PP075935.D	22 Oct 2025 13:51		YP\AJ	Ok
15	AR1660CCC500	AR1660CCC500	PP075936.D	22 Oct 2025 14:56		YP\AJ	Ok
16	AR1242CCC500	AR1242CCC500	PP075937.D	22 Oct 2025 15:12		YP\AJ	Ok,M
17	AR1248CCC500	AR1248CCC500	PP075938.D	22 Oct 2025 15:28		YP\AJ	Ok,M
18	AR1254CCC500	AR1254CCC500	PP075939.D	22 Oct 2025 15:45		YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM		
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM		
SubDirectory	PP102225	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	PP075940.D	22 Oct 2025 16:01		YP\AJ	Ok
20	PB170199BL	PB170199BL	PP075941.D	22 Oct 2025 16:17		YP\AJ	Ok
21	PB170199BS	PB170199BS	PP075942.D	22 Oct 2025 16:34	pass in PSEG criteria	YP\AJ	Ok,M
22	Q3415-01	50841	PP075943.D	22 Oct 2025 16:50	need 10x dilution ,AR1242 Hit	YP\AJ	Dilution
23	Q3415-02	50842	PP075944.D	22 Oct 2025 17:06	need 5x dilution , tcmx high im sec column ,AR1242 Hit	YP\AJ	Dilution
24	Q3415-03	50843	PP075945.D	22 Oct 2025 17:22	need 20x dilution , tcmx high im1st column ,AR1242 Hit	YP\AJ	Dilution
25	Q3418-01	101725	PP075946.D	22 Oct 2025 17:39	AR1016 HIT, TCMX high second column	YP\AJ	Ok,M
26	Q3418-02	101625-A	PP075947.D	22 Oct 2025 17:55	AR1016 HIT	YP\AJ	Ok
27	Q3418-03	101625-B	PP075948.D	22 Oct 2025 18:11	AR1016 HIT	YP\AJ	Ok,M
28	Q3399-01	COMP-ROLLOFF	PP075949.D	22 Oct 2025 18:27		YP\AJ	Ok
29	AR1660CCC500	AR1660CCC500	PP075950.D	22 Oct 2025 19:33		YP\AJ	Ok
30	AR1242CCC500	AR1242CCC500	PP075951.D	22 Oct 2025 20:21		YP\AJ	Ok,M
31	AR1248CCC500	AR1248CCC500	PP075952.D	22 Oct 2025 20:38		YP\AJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PP075953.D	22 Oct 2025 20:54		YP\AJ	Ok,M
33	I.BLK	I.BLK	PP075954.D	22 Oct 2025 21:10		YP\AJ	Ok
34	PB170204BL	PB170204BL	PP075955.D	22 Oct 2025 21:26		YP\AJ	Ok
35	PB170204BS	PB170204BS	PP075956.D	22 Oct 2025 21:43		YP\AJ	Ok
36	Q3416-01	NB-08-10212025	PP075957.D	22 Oct 2025 21:59		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM		
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM		
SubDirectory	PP102225	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	Q3416-01MS	NB-08-10212025MS	PP075958.D	22 Oct 2025 22:15		YP\AJ	Ok
38	Q3416-01MSD	NB-08-10212025MSD	PP075959.D	22 Oct 2025 22:31		YP\AJ	Ok
39	AR1660CCC500	AR1660CCC500	PP075960.D	22 Oct 2025 23:37		YP\AJ	Ok,NR
40	AR1242CCC500	AR1242CCC500	PP075961.D	23 Oct 2025 00:25		YP\AJ	Ok,M
41	AR1248CCC500	AR1248CCC500	PP075962.D	23 Oct 2025 00:41		YP\AJ	Ok,M
42	AR1254CCC500	AR1254CCC500	PP075963.D	23 Oct 2025 00:58		YP\AJ	Ok,M
43	I.BLK	I.BLK	PP075964.D	23 Oct 2025 01:14		YP\AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB170204

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:20

Extraction End Date : 10/22/2025

Extraction End Time : 12:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2652
Hexane	N/A	E3978
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext lab)	[illegible] Post PCB Lab
12:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170204

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170204BL	ABLK204	PCB	30.03	N/A	Evelyn	RUPESH	10			U1-1
PB170204BS	ALCS204	PCB	30.02	N/A	Evelyn	RUPESH	10			2
Q3399-01	COMP-ROLLOFF	PCB	30.06	N/A	Evelyn	RUPESH	10	C		3
Q3404-01	MOO-25-0285-0288	PCB	30.09	N/A	Evelyn	RUPESH	10	E		4
Q3404-04	MOO-25-0292	PCB	30.02	N/A	Evelyn	RUPESH	10	E	Small Particles	5
Q3408-01	ASPHALT-A	PCB	30.05	N/A	Evelyn	RUPESH	10			6
Q3408-02	ASPHALT-B	PCB	30.08	N/A	Evelyn	RUPESH	10			U2-1
Q3408-03	ASPHALT-C	PCB	30.01	N/A	Evelyn	RUPESH	10			2
Q3408-04	ASPHALT-D	PCB	30.04	N/A	Evelyn	RUPESH	10			3
Q3409-01	EXCAVATION-AREA-A	PCB	30.06	N/A	Evelyn	RUPESH	10	B		4
Q3409-02	EXCAVATION-AREA-B	PCB	30.09	N/A	Evelyn	RUPESH	10	B		5
Q3414-01	SB-1	PCB	30.02	N/A	Evelyn	RUPESH	10	B		6
Q3414-02	SB-2	PCB	30.08	N/A	Evelyn	RUPESH	10	B		U3-1
Q3414-03	SB-3	PCB	30.06	N/A	Evelyn	RUPESH	10	B		2
Q3414-04	SB-4	PCB	30.04	N/A	Evelyn	RUPESH	10	B		3
Q3414-05	SB-5	PCB	30.07	N/A	Evelyn	RUPESH	10	B		4
Q3414-06	SB-6	PCB	30.10	N/A	Evelyn	RUPESH	10	B		5
Q3414-07	SB-7	PCB	30.03	N/A	Evelyn	RUPESH	10	B		6
Q3414-08	SB-8	PCB	30.06	N/A	Evelyn	RUPESH	10	B		U5-1
Q3414-09	SB-9	PCB	30.09	N/A	Evelyn	RUPESH	10	B		2
Q3414-10	SB-10	PCB	30.02	N/A	Evelyn	RUPESH	10	B		3
Q3416-01	NB-08-10212025	PCB	30.05	N/A	Evelyn	RUPESH	10	E		4
Q3416-01MS	NB-08-10212025MS	PCB	30.08	N/A	Evelyn	RUPESH	10	E		5
Q3416-01MSD	NB-08-10212025MSD	PCB	30.06	N/A	Evelyn	RUPESH	10	E		6

RS 10/22

* **Extracts relinquished on the same date as received.**

1702049:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3399 **WorkList ID :** 192606 **Department :** Extraction **Date :** 10-22-2025 08:50:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	PCB	Cool 4 deg C	ICES02	D41	10/20/2025	8082A
Q3404-01	MOO-25-0285-0288	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3404-04	MOO-25-0292	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-01	ASPHALT-A	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-02	ASPHALT-B	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-03	ASPHALT-C	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-04	ASPHALT-D	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3409-01	EXCAVATION-AREA-A	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3409-02	EXCAVATION-AREA-B	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3414-01	SB-1	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-02	SB-2	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-03	SB-3	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-04	SB-4	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-05	SB-5	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-06	SB-6	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-07	SB-7	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-08	SB-8	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-09	SB-9	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-10	SB-10	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3416-01	NB-08-10212025	Solid	PCB	Cool 4 deg C	PSEG05	D31	10/21/2025	8082A

Date/Time 10/22/25 9:15
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: CP SM

Date/Time 10/22/25 9:50
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext lab)

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

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A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PS032135.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	36.6	U	1	8.60	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
120-36-5	DICHLORPROP	36.6	U	1	14.2	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
94-75-7	2,4-D	36.6	U	1	10.0	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
93-72-1	2,4,5-TP (Silvex)	36.6	U	1	10.1	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
93-76-5	2,4,5-T	36.6	U	1	9.70	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
94-82-6	2,4-DB	36.6	U	1	26.9	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
88-85-7	DINOSEB	36.6	U	1	12.0	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	229			27 - 122		46%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031982.D	PIBLK-PS031982.D	2,4-DCAA	1	500	308	62		32	138
		2,4-DCAA	2	500	407	81		32	138
I.BLK-PS032131.D	PIBLK-PS032131.D	2,4-DCAA	1	500	407	81		32	138
		2,4-DCAA	2	500	504	101		32	138
Q3399-01	COMP-ROLLOFF	2,4-DCAA	1	500	229	46		27	122
		2,4-DCAA	2	500	228	46		27	122
PB170221BL	PB170221BL	2,4-DCAA	1	500	345	69		27	122
		2,4-DCAA	2	500	488	98		27	122
PB170221BS	PB170221BS	2,4-DCAA	1	500	516	103		27	122
		2,4-DCAA	2	500	508	102		27	122
I.BLK-PS032143.D	PIBLK-PS032143.D	2,4-DCAA	1	500	416	83		32	138
		2,4-DCAA	2	500	506	101		32	138
I.BLK-PS032153.D	PIBLK-PS032153.D	2,4-DCAA	1	500	391	78		32	138
		2,4-DCAA	2	500	530	106		32	138
Q3412-01MS	TP-6MS	2,4-DCAA	1	500	164	33		27	122
		2,4-DCAA	2	500	200	40		27	122
Q3412-01MSD	TP-6MSD	2,4-DCAA	1	500	196	39		27	122
		2,4-DCAA	2	500	189	38		27	122
I.BLK-PS032159.D	PIBLK-PS032159.D	2,4-DCAA	1	500	396	79		32	138
		2,4-DCAA	2	500	521	104		32	138

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032155.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MS (Column 1)**	**Client Sample ID:**		**TP-6MS**								
	DICAMBA	185.7	0	27.5	ug/Kg	15	*			38	132	
	DICHLORPROP	185.7	0	25.5	ug/Kg	14	*			28	155	
	2,4-D	185.7	0	200	ug/Kg	108				28	144	
	2,4,5-TP(Silvex)	185.7	0	18.0	ug/Kg	10	*			43	129	
	2,4,5-T	185.7	0	21.3	ug/Kg	11	*			31	138	
	2,4-DB	185.7	0	0	ug/Kg	0	*			34	142	
	Dinoseb	185.7	0	0	ug/Kg	0	*			57	152	
Lab Sample ID:	**Q3412-01MS (Column 2)**	**Client Sample ID:**		**TP-6MS**								
	DICAMBA	185.7	0	33.6	ug/Kg	18	*			38	132	
	DICHLORPROP	185.7	0	17.9	ug/Kg	10	*			28	155	
	2,4-D	185.7	0	23.6	ug/Kg	13				28	144	
	2,4,5-TP(Silvex)	185.7	0	44.5	ug/Kg	24	*			43	129	
	2,4,5-T	185.7	0	25.6	ug/Kg	14	*			31	138	
	2,4-DB	185.7	0	0	ug/Kg	0	*			34	142	
	Dinoseb	185.7	0	0	ug/Kg	0	*			57	152	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032156.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MSD (Column 1)**	**Client Sample ID:**		**TP-6MSD**								
	DICAMBA	185.6	0	27.4	ug/Kg	15	*	0		38	132	20
	DICHLORPROP	185.6	0	27.2	ug/Kg	15	*	7		28	155	20
	2,4-D	185.6	0	200	ug/Kg	108		0		28	144	20
	2,4,5-TP(Silvex)	185.6	0	18.0	ug/Kg	10	*	0		43	129	20
	2,4,5-T	185.6	0	20.9	ug/Kg	11	*	0		31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*	0		34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*	0		57	152	20
Lab Sample ID:	**Q3412-01MSD (Column 2)**	**Client Sample ID:**		**TP-6MSD**								
	DICAMBA	185.6	0	32.5	ug/Kg	18	*	0		38	132	20
	DICHLORPROP	185.6	0	20.0	ug/Kg	11	*	10		28	155	20
	2,4-D	185.6	0	26.1	ug/Kg	14		7		28	144	20
	2,4,5-TP(Silvex)	185.6	0	45.4	ug/Kg	24	*	0		43	129	20
	2,4,5-T	185.6	0	26.3	ug/Kg	14	*	0		31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*	0		34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*	0		57	152	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032157.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MSRE (Column 1)**	**Client Sample ID:**		**TP-6MSRE**								
	DICAMBA	185.6	0	27.2	ug/Kg	15	*			38	132	
	DICHLORPROP	185.6	0	27.3	ug/Kg	15	*			28	155	
	2,4-D	185.6	0	202	ug/Kg	109				28	144	
	2,4,5-TP(Silvex)	185.6	0	17.9	ug/Kg	10	*			43	129	
	2,4,5-T	185.6	0	20.8	ug/Kg	11	*			31	138	
	2,4-DB	185.6	0	0	ug/Kg	0	*			34	142	
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	
Lab Sample ID:	**Q3412-01MSRE (Column 2)**	**Client Sample ID:**		**TP-6MSRE**								
	DICAMBA	185.6	0	32.3	ug/Kg	17	*			38	132	
	DICHLORPROP	185.6	0	21.2	ug/Kg	11	*			28	155	
	2,4-D	185.6	0	23.8	ug/Kg	13				28	144	
	2,4,5-TP(Silvex)	185.6	0	45.6	ug/Kg	25	*			43	129	
	2,4,5-T	185.6	0	26.6	ug/Kg	14	*			31	138	
	2,4-DB	185.6	0	30.6	ug/Kg	16	*			34	142	
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032158.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MSDRE (Column 1)**	**Client Sample ID:**		**TP-6MSDRE**								
	DICAMBA	185.6	0	27.1	ug/Kg	15	*			38	132	20
	DICHLORPROP	185.6	0	27.6	ug/Kg	15	*			28	155	20
	2,4-D	185.6	0	204	ug/Kg	110				28	144	20
	2,4,5-TP(Silvex)	185.6	0	18.1	ug/Kg	10	*			43	129	20
	2,4,5-T	185.6	0	21.0	ug/Kg	11	*			31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*			34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	20
Lab Sample ID:	**Q3412-01MSDRE (Column 2)**	**Client Sample ID:**		**TP-6MSDRE**								
	DICAMBA	185.6	0	32.4	ug/Kg	17	*			38	132	20
	DICHLORPROP	185.6	0	22.1	ug/Kg	12	*			28	155	20
	2,4-D	185.6	0	24.3	ug/Kg	13				28	144	20
	2,4,5-TP(Silvex)	185.6	0	46.3	ug/Kg	25	*			43	129	20
	2,4,5-T	185.6	0	26.9	ug/Kg	14	*			31	138	20
	2,4-DB	185.6	0	31.0	ug/Kg	17	*			34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **Datafile :** PS032139.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170221BS (Column 1)	DICAMBA	166.5	167	ug/Kg	100				38	132	
	DICHLORPROP	166.5	158	ug/Kg	95				28	155	
	2,4-D	166.5	164	ug/Kg	98				28	144	
	2,4,5-TP(Silvex)	166.5	161	ug/Kg	97				43	129	
	2,4,5-T	166.5	164	ug/Kg	98				31	138	
	2,4-DB	166.5	164	ug/Kg	98				34	142	
	Dinoseb	166.5	153	ug/Kg	92				57	152	
PB170221BS (Column 2)	DICAMBA	166.5	155	ug/Kg	93				38	132	
	DICHLORPROP	166.5	154	ug/Kg	92				28	155	
	2,4-D	166.5	151	ug/Kg	91				28	144	
	2,4,5-TP(Silvex)	166.5	158	ug/Kg	95				43	129	
	2,4,5-T	166.5	157	ug/Kg	94				31	138	
	2,4-DB	166.5	144	ug/Kg	86				34	142	
	Dinoseb	166.5	149	ug/Kg	89				57	152	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170221BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170221BL | Lab File ID: PS032138.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/23/2025 | Date Analyzed (2): 10/23/2025

Time Analyzed (1): 12:33 | Time Analyzed (2): 12:33

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-ROLLOFF	Q3399-01	PS032135.D	10/23/2025	10/23/2025
PB170221BS	PB170221BS	PS032139.D	10/23/2025	10/23/2025
TP-6MS	Q3412-01MS	PS032155.D	10/24/2025	10/24/2025
TP-6MSD	Q3412-01MSD	PS032156.D	10/24/2025	10/24/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PS032138.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170221BL	SDG No.:	Q3399
Lab Sample ID:	PB170221BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: Herbicide
Prep Method:	8151A	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	33.0	U	1	7.70	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
120-36-5	DICHLORPROP	33.0	U	1	12.8	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
94-75-7	2,4-D	33.0	U	1	9.00	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
93-72-1	2,4,5-TP (Silvex)	33.0	U	1	9.10	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
93-76-5	2,4,5-T	33.0	U	1	8.70	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
94-82-6	2,4-DB	33.0	U	1	24.2	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
88-85-7	DINOSEB	33.0	U	1	10.8	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	488			27 - 122		98%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/13/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/13/25
Client Sample ID:	PIBLK-PS031982.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS031982.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/13/25	PS101325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/13/25	PS101325
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/13/25	PS101325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/13/25	PS101325
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/13/25	PS101325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/13/25	PS101325
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/13/25	PS101325
SURROGATES										
19719-28-9	2,4-DCAA	407			32 - 138		81%	SPK: 500		

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LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032131.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032131.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/23/25	PS102325
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/23/25	PS102325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	504			32 - 138		101%	SPK: 500		

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LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032143.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032143.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/23/25	PS102325
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/23/25	PS102325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	506			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032153.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032153.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/24/25	pS102425
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/24/25	pS102425
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	530			32 - 138		106%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032159.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032159.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/24/25	pS102425
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/24/25	pS102425
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	521			32 - 138		104%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032139.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170221BS	SDG No.:	Q3399
Lab Sample ID:	PB170221BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: Herbicide
Prep Method:	8151A	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	167		1	7.70	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
120-36-5	DICHLORPROP	158		1	12.8	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
94-75-7	2,4-D	164		1	9.00	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
93-72-1	2,4,5-TP (Silvex)	161		1	9.10	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
93-76-5	2,4,5-T	164		1	8.70	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
94-82-6	2,4-DB	164		1	24.2	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
88-85-7	DINOSEB	153		1	10.8	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	516			27 - 122		103%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032155.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	TP-6MS	SDG No.:	Q3399
Lab Sample ID:	Q3412-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	89.7
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Herbicide
Prep Method:	8151A	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	33.6	J	1	8.60	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
120-36-5	DICHLORPROP	25.5	J	1	14.3	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
94-75-7	2,4-D	200	P	1	10.1	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
93-72-1	2,4,5-TP (Silvex)	44.5	JP	1	10.1	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
93-76-5	2,4,5-T	25.6	J	1	9.70	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
94-82-6	2,4-DB	36.8	U	1	27.0	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
88-85-7	DINOSEB	36.8	U	1	12.0	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	200			27 - 122		40%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032156.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	TP-6MSD	SDG No.:	Q3399
Lab Sample ID:	Q3412-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	89.7
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	32.5	J	1	8.60	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
120-36-5	DICHLORPROP	27.2	J	1	14.3	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
94-75-7	2,4-D	200	P	1	10.1	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
93-72-1	2,4,5-TP (Silvex)	45.4	JP	1	10.1	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
93-76-5	2,4,5-T	26.3	J	1	9.70	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
94-82-6	2,4-DB	36.7	U	1	26.9	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
88-85-7	DINOSEB	36.7	U	1	12.0	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	196			27 - 122		39%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_S
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.59	9.58	9.58	9.58	9.57	9.58	9.48	9.68
2,4,5-TP(Silvex)	9.29	9.28	9.28	9.28	9.28	9.28	9.18	9.38
2,4-D	8.43	8.42	8.41	8.41	8.41	8.41	8.31	8.51
2,4-DB	10.17	10.16	10.15	10.15	10.15	10.16	10.06	10.26
2,4-DCAA	7.29	7.28	7.28	7.28	7.28	7.28	7.18	7.38
DICAMBA	7.47	7.47	7.46	7.46	7.46	7.46	7.36	7.56
DICHLORPROP	8.18	8.17	8.17	8.17	8.17	8.17	8.07	8.27
Dinoseb	11.35	11.35	11.35	11.35	11.35	11.35	11.25	11.45

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_S
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.34	10.33	10.32	10.32	10.32	10.32	10.22	10.42
2,4,5-TP(Silvex)	9.90	9.89	9.89	9.89	9.89	9.89	9.79	9.99
2,4-D	9.02	9.01	9.00	9.00	9.00	9.01	8.91	9.11
2,4-DB	10.91	10.89	10.89	10.89	10.89	10.89	10.79	10.99
2,4-DCAA	7.76	7.75	7.74	7.74	7.74	7.75	7.65	7.85
DICAMBA	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
DICHLORPROP	8.67	8.66	8.66	8.66	8.66	8.66	8.56	8.76
Dinoseb	11.27	11.27	11.26	11.26	11.26	11.26	11.16	11.36

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	27134500000	25593200000	26050400000	24405600000	23037600000	25244300000	6
2,4,5-TP(Silvex)	33202700000	28816500000	28438300000	26226900000	24525800000	28242000000	12
2,4-D	5487130000	4996420000	4918990000	4560930000	4315910000	4855870000	9
2,4-DB	2819950000	3011240000	3227170000	3188540000	3254670000	3100320000	6
2,4-DCAA	5590070000	4810210000	4780360000	4442800000	4211740000	4767030000	11
DICAMBA	24008900000	21120500000	21160300000	19699200000	18722800000	20942400000	10
DICHLORPROP	5759330000	4770830000	4696080000	4361250000	4183250000	4754150000	13
Dinoseb	27352300000	22713200000	22008900000	20350800000	19079100000	22300900000	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	17213000000	17169300000	17878100000	17051600000	16411300000	17144700000	3
2,4,5-TP(Silvex)	22626700000	20334000000	20451600000	19038400000	17923600000	20074900000	9
2,4-D	2294360000	2013000000	2101790000	2016570000	1965760000	2078300000	6
2,4-DB	1261010000	1198570000	1380760000	1303330000	1316780000	1292090000	5
2,4-DCAA	1091580000	1077760000	1141380000	1095020000	1095970000	1100340000	2
DICAMBA	9416080000	8584330000	8843470000	8348740000	8111820000	8660890000	6
DICHLORPROP	2249760000	1957040000	1967290000	1844370000	1772840000	1958260000	9
Dinoseb	16843100000	15214500000	15354400000	14560900000	14042400000	15203100000	7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.576	9.478	9.678	799.240	712.500	12.2
2,4,5-TP(Silvex)	9.276	9.180	9.380	768.020	712.500	7.8
2,4-D	8.409	8.312	8.512	751.270	705.000	6.6
2,4-DB	10.152	10.054	10.254	722.460	712.500	1.4
2,4-DCAA	7.280	7.182	7.382	810.260	750.000	8.0
DICAMBA	7.462	7.364	7.564	779.910	705.000	10.6
DICHLORPROP	8.170	8.073	8.273	739.890	705.000	4.9
Dinoseb	11.343	11.245	11.445	747.900	705.000	6.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.321	10.221	10.421	795.800	712.500	11.7
2,4,5-TP(Silvex)	9.892	9.792	9.992	773.160	712.500	8.5
2,4-D	9.001	8.902	9.102	774.470	705.000	9.9
2,4-DB	10.889	10.789	10.989	805.500	712.500	13.1
2,4-DCAA	7.744	7.644	7.844	877.970	750.000	17.1
DICAMBA	7.939	7.838	8.038	766.180	705.000	8.7
DICHLORPROP	8.658	8.558	8.758	756.080	705.000	7.2
Dinoseb	11.263	11.163	11.363	777.120	705.000	10.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00
2,4,5-T	9.58	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.575	9.478	9.678	795.180	712.500	11.6
2,4,5-TP(Silvex)	9.277	9.180	9.380	756.490	712.500	6.2
2,4-D	8.407	8.312	8.512	764.020	705.000	8.4
2,4-DB	10.150	10.054	10.254	759.070	712.500	6.5
2,4-DCAA	7.279	7.182	7.382	794.670	750.000	6.0
DICAMBA	7.462	7.364	7.564	759.800	705.000	7.8
DICHLORPROP	8.170	8.073	8.273	729.090	705.000	3.4
Dinoseb	11.343	11.245	11.445	706.040	705.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.321	10.221	10.421	793.440	712.500	11.4
2,4,5-TP(Silvex)	9.892	9.792	9.992	756.750	712.500	6.2
2,4-D	9.000	8.902	9.102	778.940	705.000	10.5
2,4-DB	10.889	10.789	10.989	795.650	712.500	11.7
2,4-DCAA	7.743	7.644	7.844	878.420	750.000	17.1
DICAMBA	7.939	7.838	8.038	753.230	705.000	6.8
DICHLORPROP	8.658	8.558	8.758	744.020	705.000	5.5
Dinoseb	11.264	11.163	11.363	738.560	705.000	4.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.01
2,4,5-T	9.57	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.574	9.478	9.678	776.340	712.500	9.0
2,4,5-TP(Silvex)	9.275	9.180	9.380	738.430	712.500	3.6
2,4-D	8.407	8.312	8.512	733.220	705.000	4.0
2,4-DB	10.149	10.054	10.254	718.400	712.500	0.8
2,4-DCAA	7.278	7.182	7.382	790.230	750.000	5.4
DICAMBA	7.460	7.364	7.564	716.720	705.000	1.7
DICHLORPROP	8.169	8.073	8.273	710.070	705.000	0.7
Dinoseb	11.341	11.245	11.445	713.910	705.000	1.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.320	10.221	10.421	783.510	712.500	10.0
2,4,5-TP(Silvex)	9.891	9.792	9.992	750.010	712.500	5.3
2,4-D	9.000	8.902	9.102	761.860	705.000	8.1
2,4-DB	10.889	10.789	10.989	752.770	712.500	5.7
2,4-DCAA	7.743	7.644	7.844	856.540	750.000	14.2
DICAMBA	7.938	7.838	8.038	739.720	705.000	4.9
DICHLORPROP	8.658	8.558	8.758	728.780	705.000	3.4
Dinoseb	11.263	11.163	11.363	747.230	705.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:53 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.01
2,4,5-TP(Silvex)	9.27	9.28	9.18	9.38	0.01
2,4,5-T	9.57	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:53 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032160.D **Time Analyzed:** 17:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.571	9.478	9.678	747.470	712.500	4.9
2,4,5-TP(Silvex)	9.274	9.180	9.380	736.630	712.500	3.4
2,4-D	8.405	8.312	8.512	746.330	705.000	5.9
2,4-DB	10.147	10.054	10.254	728.700	712.500	2.3
2,4-DCAA	7.277	7.182	7.382	793.030	750.000	5.7
DICAMBA	7.460	7.364	7.564	714.540	705.000	1.4
DICHLORPROP	8.167	8.073	8.273	708.050	705.000	0.4
Dinoseb	11.341	11.245	11.445	699.200	705.000	-0.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032160.D **Time Analyzed:** 17:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.319	10.221	10.421	785.300	712.500	10.2
2,4,5-TP(Silvex)	9.890	9.792	9.992	747.340	712.500	4.9
2,4-D	8.998	8.902	9.102	768.550	705.000	9.0
2,4-DB	10.887	10.789	10.989	762.850	712.500	7.1
2,4-DCAA	7.742	7.644	7.844	858.900	750.000	14.5
DICAMBA	7.937	7.838	8.038	745.430	705.000	5.7
DICHLORPROP	8.656	8.558	8.758	733.520	705.000	4.0
Dinoseb	11.262	11.163	11.363	743.490	705.000	5.5

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.29	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.29	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.28	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.28	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.28	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.28	0.00
COMP-ROLLOFF	Q3399-01	10/23/2025	11:20	PS032135.D	7.28	0.00
PB170221BL	PB170221BL	10/23/2025	12:33	PS032138.D	7.28	0.00
PB170221BS	PB170221BS	10/23/2025	12:58	PS032139.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.28	0.00
TP-6MS	Q3412-01MS	10/24/2025	15:50	PS032155.D	7.28	0.00
TP-6MSD	Q3412-01MSD	10/24/2025	16:14	PS032156.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	17:28	PS032159.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	17:53	PS032160.D	7.28	0.00

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.75	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.76	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.75	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.74	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.74	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.74	0.00
COMP-ROLLOFF	Q3399-01	10/23/2025	11:20	PS032135.D	7.75	0.00
PB170221BL	PB170221BL	10/23/2025	12:33	PS032138.D	7.75	0.00
PB170221BS	PB170221BS	10/23/2025	12:58	PS032139.D	7.75	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.74	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.74	0.00
TP-6MS	Q3412-01MS	10/24/2025	15:50	PS032155.D	7.74	0.00
TP-6MSD	Q3412-01MSD	10/24/2025	16:14	PS032156.D	7.74	0.00
I.BLK	I.BLK	10/24/2025	17:28	PS032159.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	17:53	PS032160.D	7.74	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170221BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170221BS **Date(s) Analyzed:** 10/23/2025 10/23/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.17	8.12	8.22	158	2.6
	2	8.66	8.61	8.71	154	
2,4-D	1	8.41	8.36	8.46	164	8.3
	2	9.01	8.96	9.06	151	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	161	1.9
	2	9.90	9.85	9.95	158	
2,4,5-T	1	9.58	9.53	9.63	164	4.4
	2	10.33	10.28	10.38	157	
2,4-DB	1	10.16	10.11	10.21	164	13
	2	10.90	10.85	10.95	144	
Dinoseb	1	11.35	11.30	11.40	153	2.6
	2	11.27	11.22	11.32	149	
DICAMBA	1	7.46	7.41	7.51	167	7.5
	2	7.94	7.89	7.99	155	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-6MS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3412-01MS **Date(s) Analyzed:** 10/24/2025 10/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-T	1	9.58	9.53	9.63	21.3	18.3
	2	10.33	10.28	10.38	25.6	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	18.0	84.8
	2	9.88	9.83	9.93	44.5	
2,4-D	1	8.39	8.34	8.44	200	157.8
	2	9.01	8.96	9.06	23.6	
DICHLORPROP	1	8.17	8.12	8.22	25.5	35
	2	8.66	8.61	8.71	17.9	
DICAMBA	1	7.46	7.41	7.51	27.5	20
	2	7.93	7.88	7.98	33.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-6MSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3412-01MSD **Date(s) Analyzed:** 10/24/2025 10/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.38	8.33	8.43	200	153.8
	2	9.01	8.96	9.06	26.1	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	18.0	86.4
	2	9.88	9.83	9.93	45.4	
2,4,5-T	1	9.58	9.53	9.63	20.9	22.9
	2	10.33	10.28	10.38	26.3	
DICHLORPROP	1	8.17	8.12	8.22	27.2	30.5
	2	8.66	8.61	8.71	20.0	
DICAMBA	1	7.46	7.41	7.51	27.4	17
	2	7.94	7.89	7.99	32.5	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:20
Operator : AR\AJ
Sample : Q3399-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 17:31:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.283	7.748	1092.4E6	251.0E6	229.161m	228.080
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:20
Operator : AR\AJ
Sample : Q3399-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

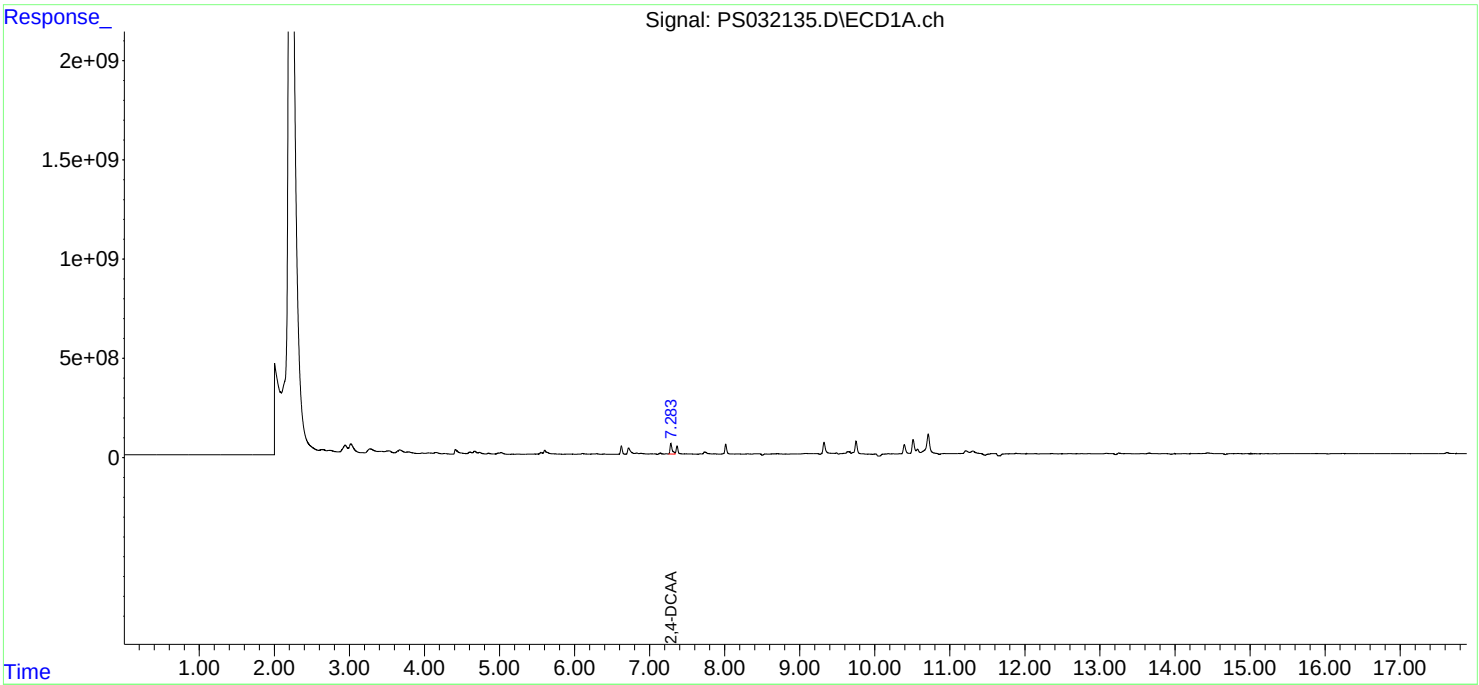
Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

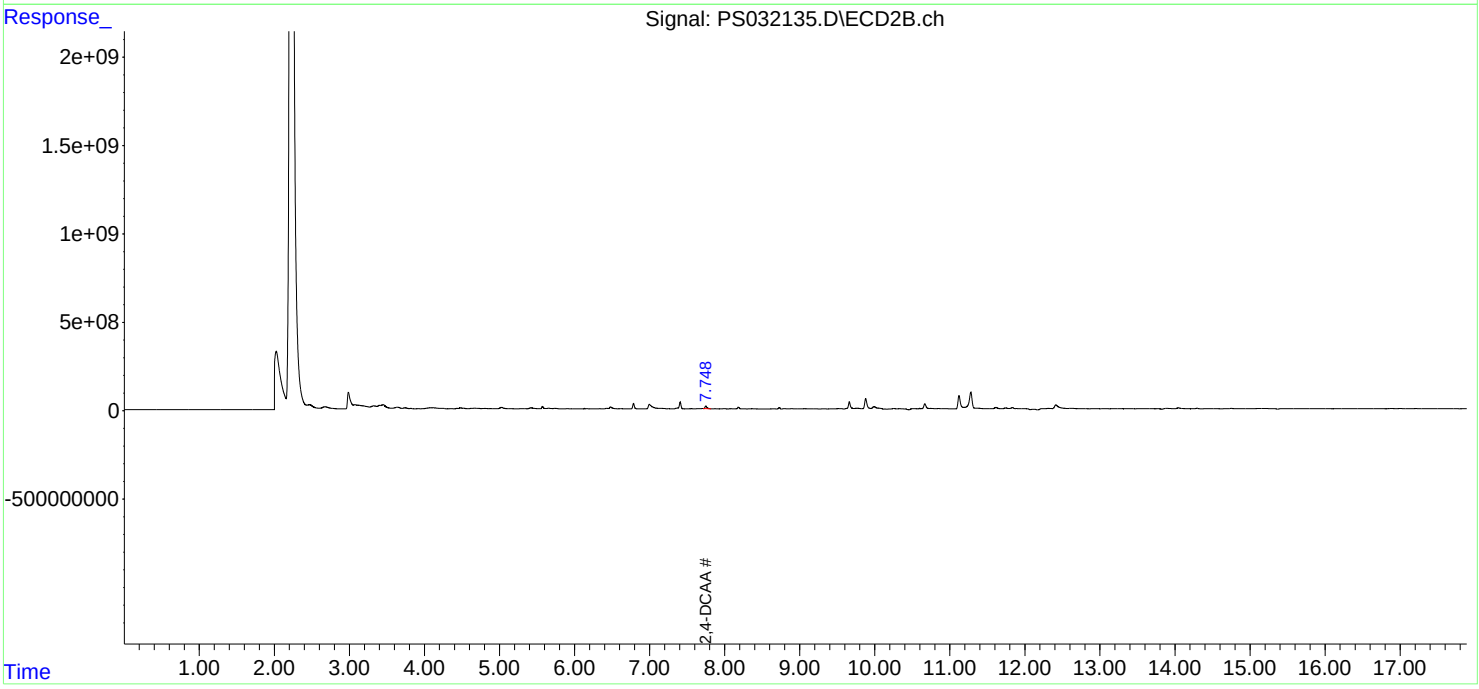
Manual Integrations APPROVED

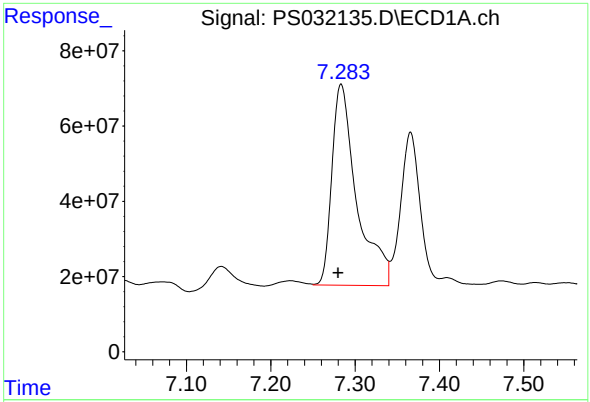
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 17:31:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







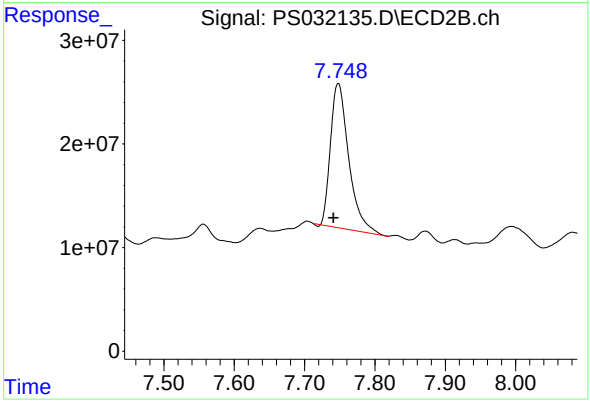
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 1092418884
Conc: 229.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 250965447
Conc: 228.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:33
Operator : AR\AJ
Sample : PB170221BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170221BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:38:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
4)	S 2,4-DCAA	7.280	7.746	1645.1E6	536.6E6	345.098m	487.628	#
	Target Compounds							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:33
Operator : AR\AJ
Sample : PB170221BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

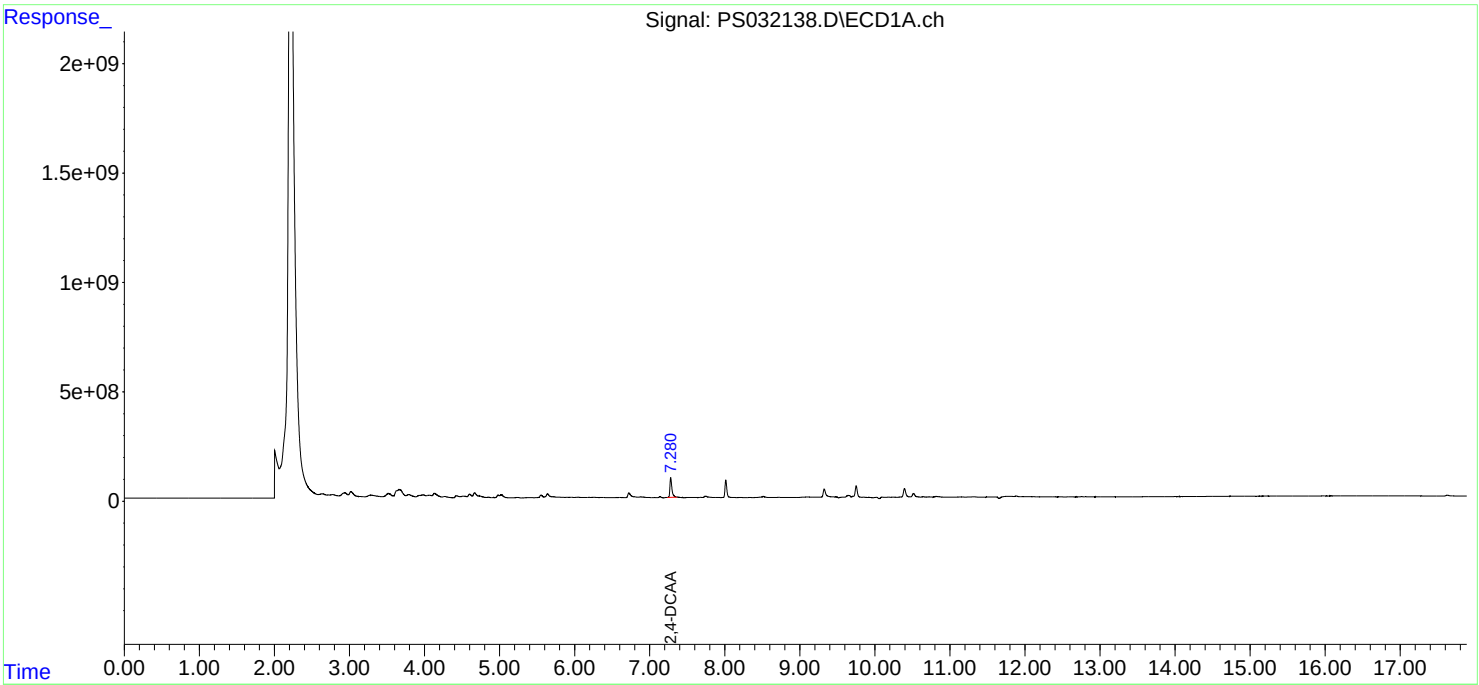
Instrument :
ECD_S
ClientSampleId :
PB170221BL

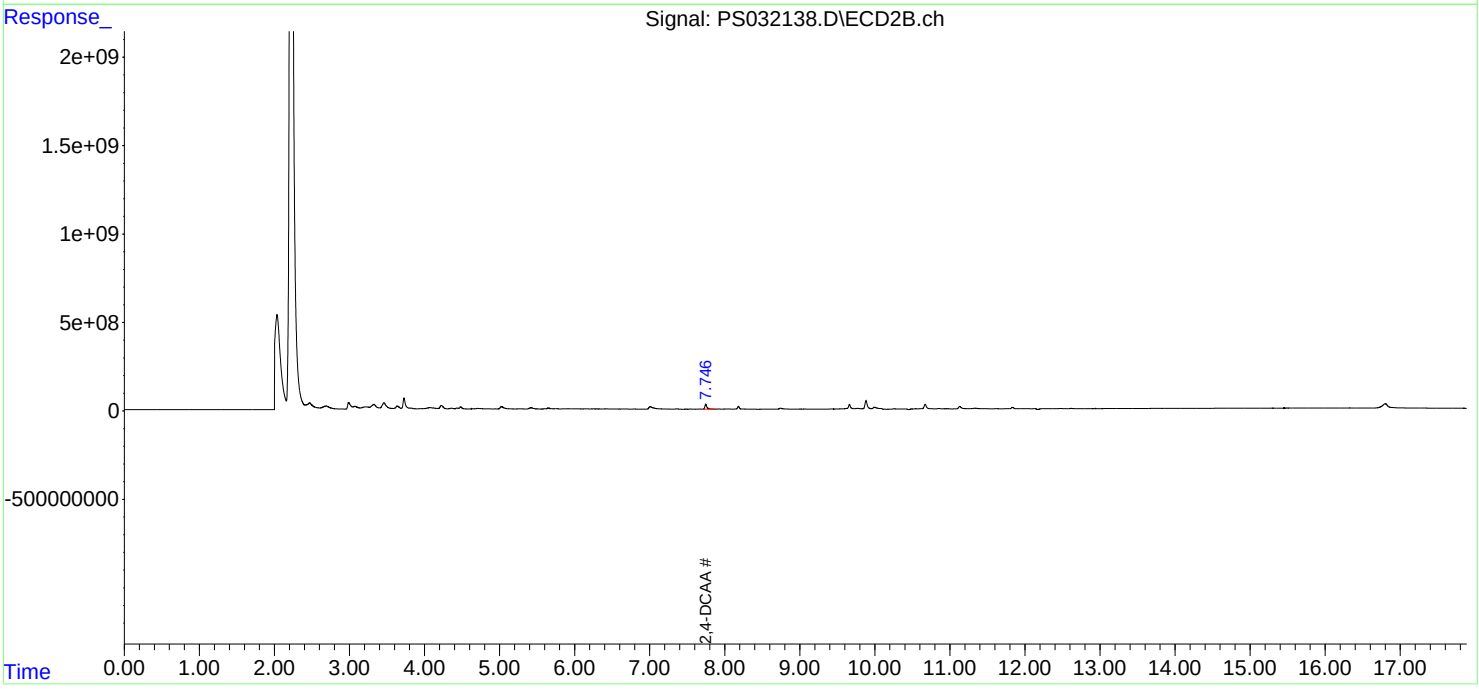
Manual Integrations APPROVED

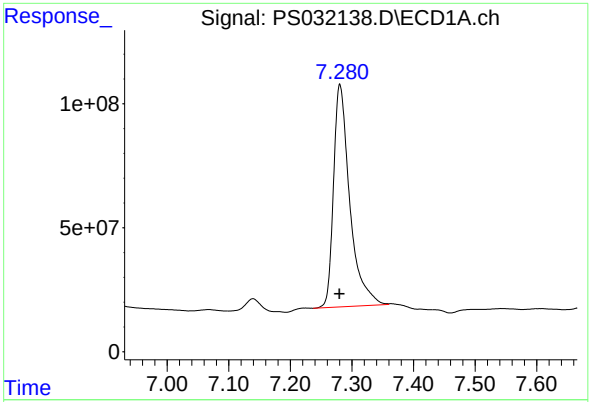
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:38:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







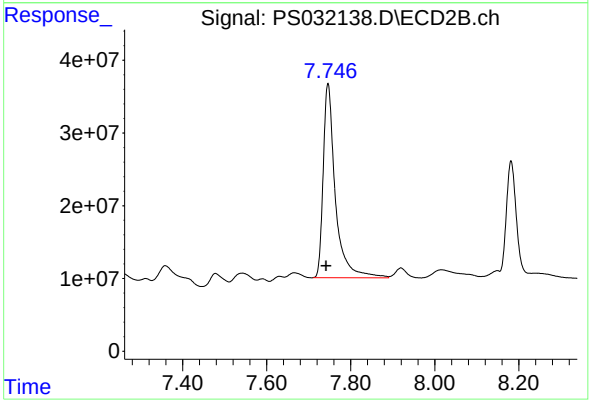
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 1645092230
Conc: 345.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170221BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 536557202
Conc: 487.63 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:58
Operator : AR\AJ
Sample : PB170221BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170221BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:39:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.283	7.748	2459.3E6	558.6E6	515.902	507.691
		Target Compounds						
1)	T	Dalapon	2.659	2.687	3397.5E6	1735.2E6	439.658	461.702
2)	T	3,5-DICHL...	6.449	6.701	3407.8E6	963.0E6	484.141	461.675
3)	T	4-Nitroph...	7.104	7.316f	588.6E6	650.8E6	440.996	428.884
5)	T	DICAMBA	7.463	7.940	10495.5E6	4023.7E6	501.159	464.584
6)	T	MCPP	7.640	8.035	531.2E6	106.2E6	43.441	42.792
7)	T	MCPA	7.788	8.282	666.7E6	167.2E6	45.306	44.316
8)	T	DICHLORPROP	8.172	8.661	2249.6E6	908.4E6	473.187	463.862
9)	T	2,4-D	8.414	9.009	2390.7E6	945.3E6	492.328	454.859
10)	T	Pentachlo...	8.701	9.508	38235.4E6	26448.6E6	569.662	510.356
11)	T	2,4,5-TP ...	9.280	9.895	13652.0E6	9520.2E6	483.392	474.235
12)	T	2,4,5-T	9.580	10.326	12443.1E6	8063.8E6	492.906	470.340
13)	T	2,4-DB	10.158	10.896	1528.5E6	557.2E6	493.029	431.276
14)	T	DINOSEB	11.345	11.265	10262.6E6	6803.6E6	460.188	447.516
15)	T	Picloram	11.189	12.397	10341.4E6	13540.1E6	438.605m	406.706
16)	T	DCPA	11.643	12.306	17818.8E6	15873.4E6	484.994	477.946

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

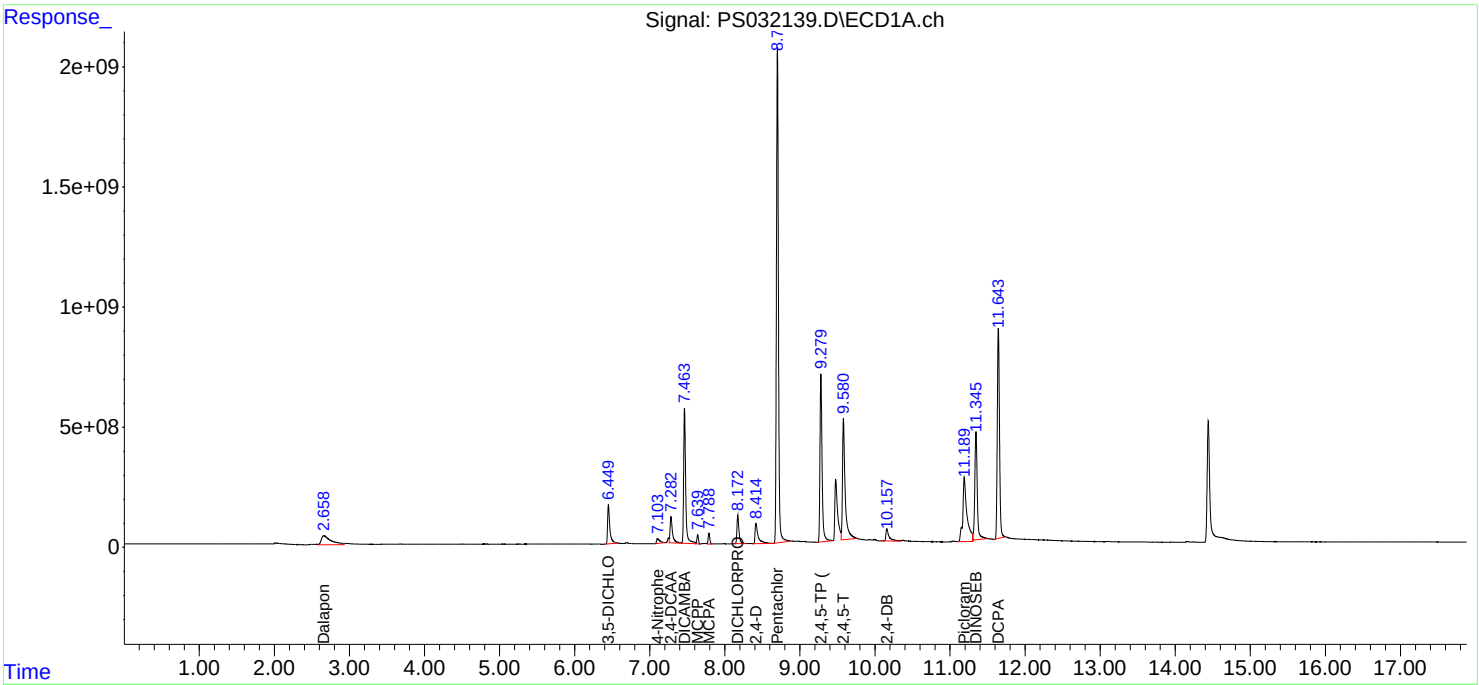
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:58
Operator : AR\AJ
Sample : PB170221BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

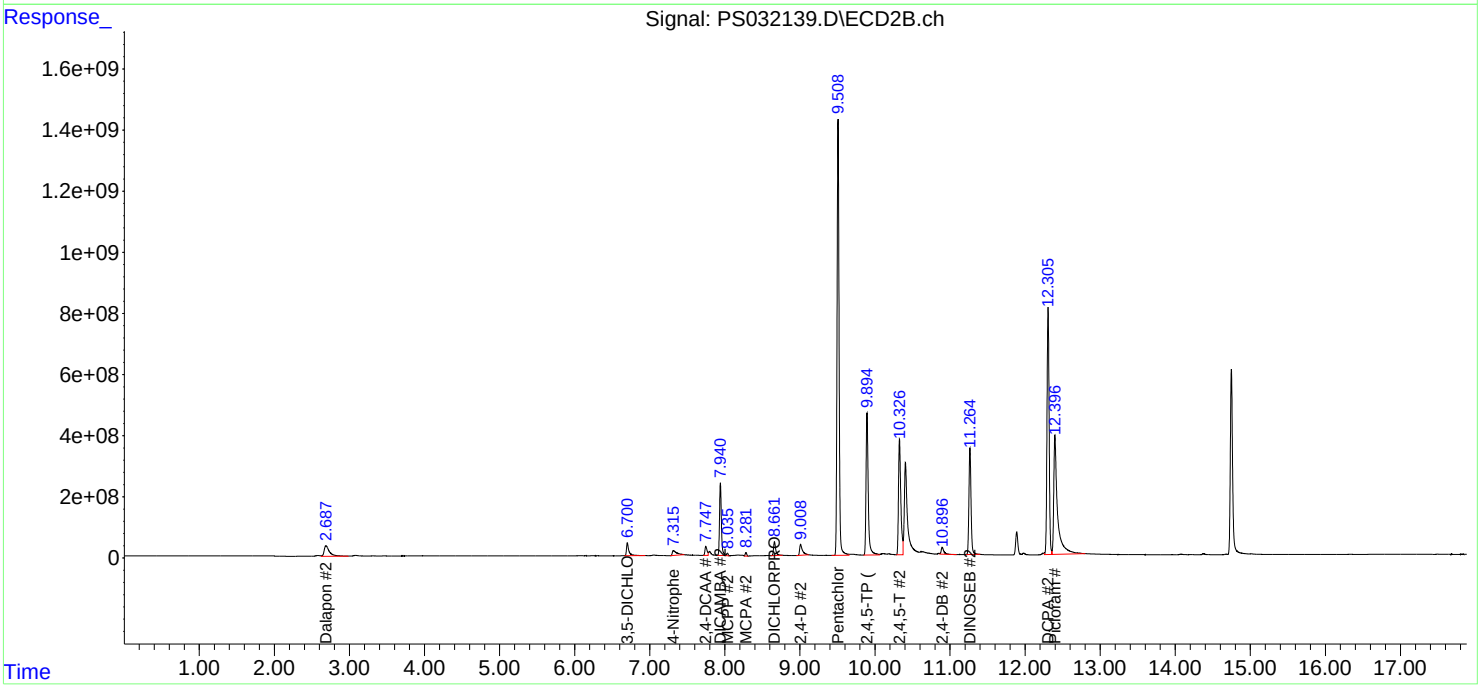
Instrument :
ECD_S
ClientSampleId :
PB170221BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:39:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:50
Operator : AR\AJ
Sample : Q3412-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-6MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.278	7.740	782.3E6	219.7E6	164.106m	199.691
	Target Compounds						
1) T	Dalapon	2.609f	2.678	771.4E6	896.7E6	99.825m	238.601m#
2) T	3,5-DICHL...	6.450	6.698	444.4E6	114.6E6	63.129	54.940
3) T	4-Nitroph...	7.053f	7.303	71190620	62025966	53.339m	40.876
5) T	DICAMBA	7.462	7.934	1549.8E6	783.0E6	74.003	90.401m
6) T	MCPP	7.636	8.026	20012546	2777418	1.637m	1.119m#
7) T	MCPA	7.784	8.278	100.3E6	10355812	6.818	2.745 #
8) T	DICHLORPROP	8.173	8.656	326.8E6	94372356	68.739	48.192 #
9) T	2,4-D	8.385	9.005	2618.8E6	131.9E6	539.301m	63.468m#
10) T	Pentachlo...	8.699	9.504	3450.4E6	2165.3E6	51.407	41.782m
11) T	2,4,5-TP ...	9.281	9.880	1372.2E6	2403.5E6	48.586	119.727 #
12) T	2,4,5-T	9.580	10.326	1445.2E6	1183.3E6	57.251	69.016
15) T	Picloram	11.187	12.388	2857.7E6	3311.9E6	121.202	99.479
16) T	DCPA	11.640	12.301	3736.2E6	4115.6E6	101.692	123.920m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

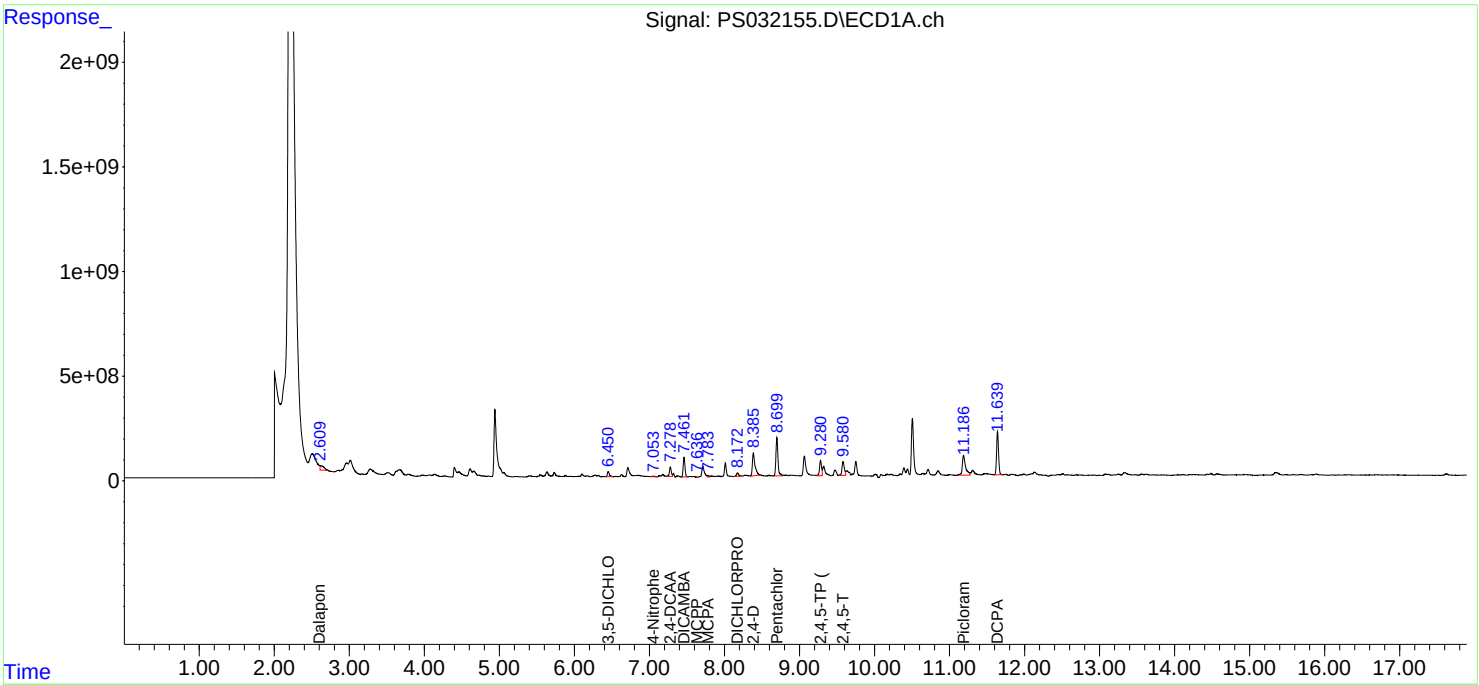
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:50
Operator : AR\AJ
Sample : Q3412-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

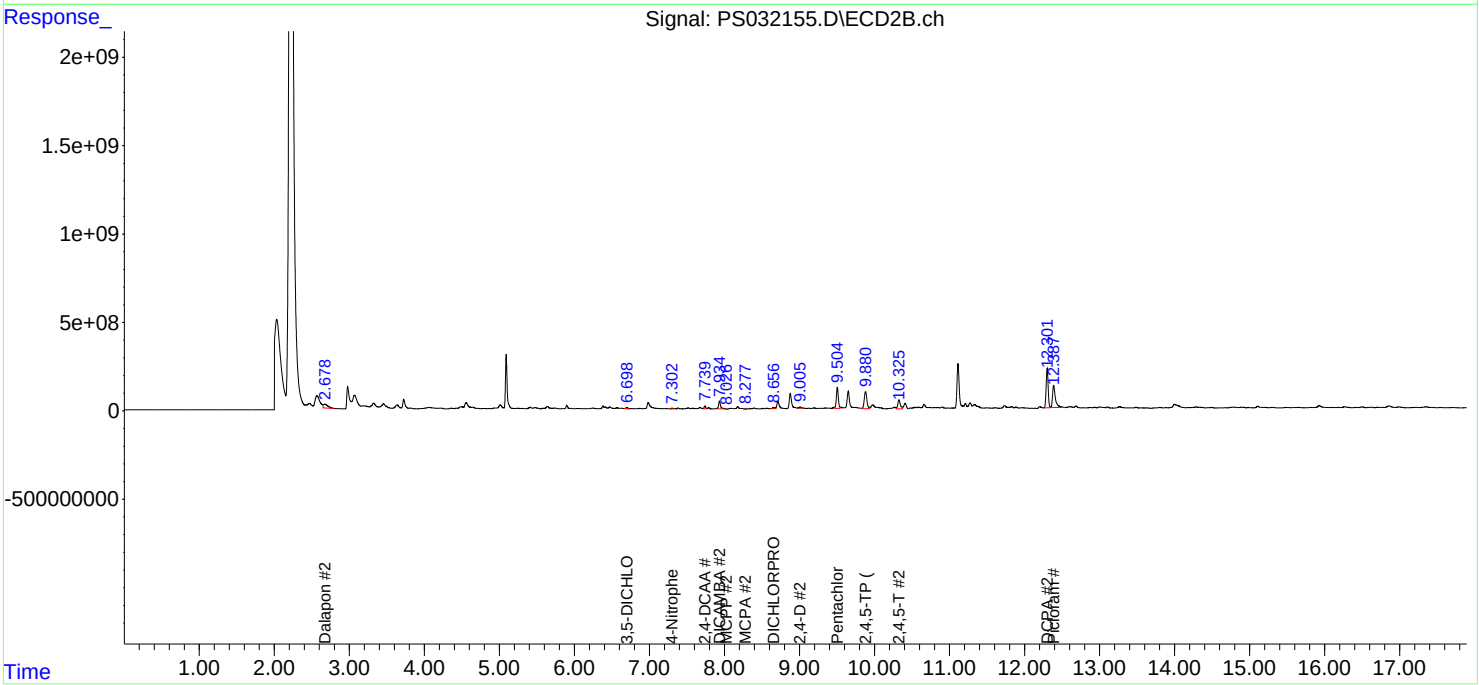
Instrument :
ECD_S
ClientSampleId :
TP-6MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 16:14
Operator : AR\AJ
Sample : Q3412-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.276	7.741	935.5E6	208.3E6	196.239	189.334m
	Target Compounds						
1) T	Dalapon	2.606f	2.681	893.6E6	1212.1E6	115.635m	322.505m#
2) T	3,5-DICHL...	6.447	6.699	441.9E6	126.5E6	62.786	60.643
3) T	4-Nitroph...	7.045f	7.305	75355821	64625040	56.460m	42.589
5) T	DICAMBA	7.459	7.936	1547.7E6	758.9E6	73.904	87.629m
6) T	MCPP	7.637	8.028	10743504	2357242	<MDL	<MDL m#
7) T	MCPA	7.783	8.280	82445090	9802086	5.602	2.598 #
8) T	DICHLORPROP	8.170	8.658	348.2E6	105.3E6	73.234	53.781 #
9) T	2,4-D	8.382	9.005	2613.5E6	146.1E6	538.223m	70.305m#
10) T	Pentachlo...	8.697	9.506	3385.9E6	2185.8E6	50.445	42.178m
11) T	2,4,5-TP ...	9.277	9.881	1367.6E6	2454.5E6	48.425	122.268 #
12) T	2,4,5-T	9.576	10.326	1421.7E6	1214.3E6	56.318	70.824 #
15) T	Picloram	11.181	12.389	2286.8E6	2624.1E6	96.988	78.821
16) T	DCPA	11.636	12.302	3688.0E6	4031.3E6	100.381	121.382m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

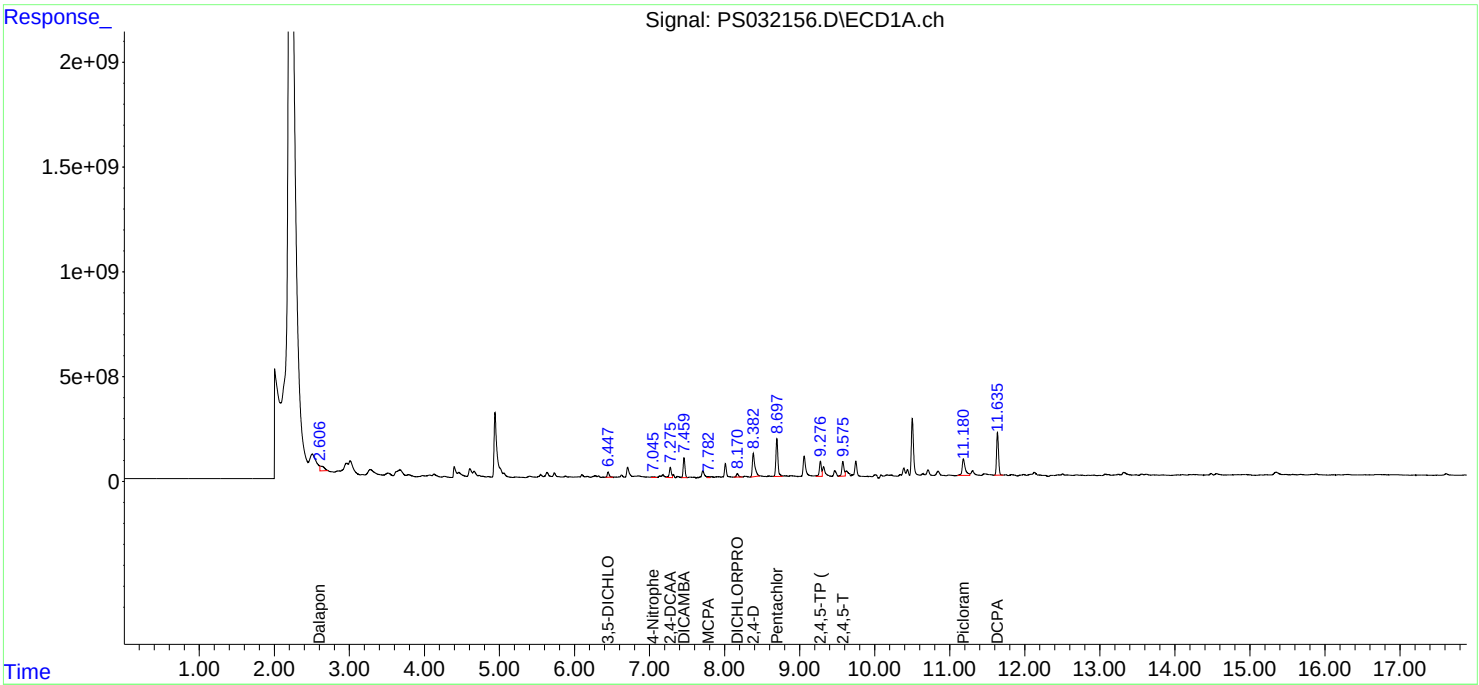
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 16:14
Operator : AR\AJ
Sample : Q3412-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

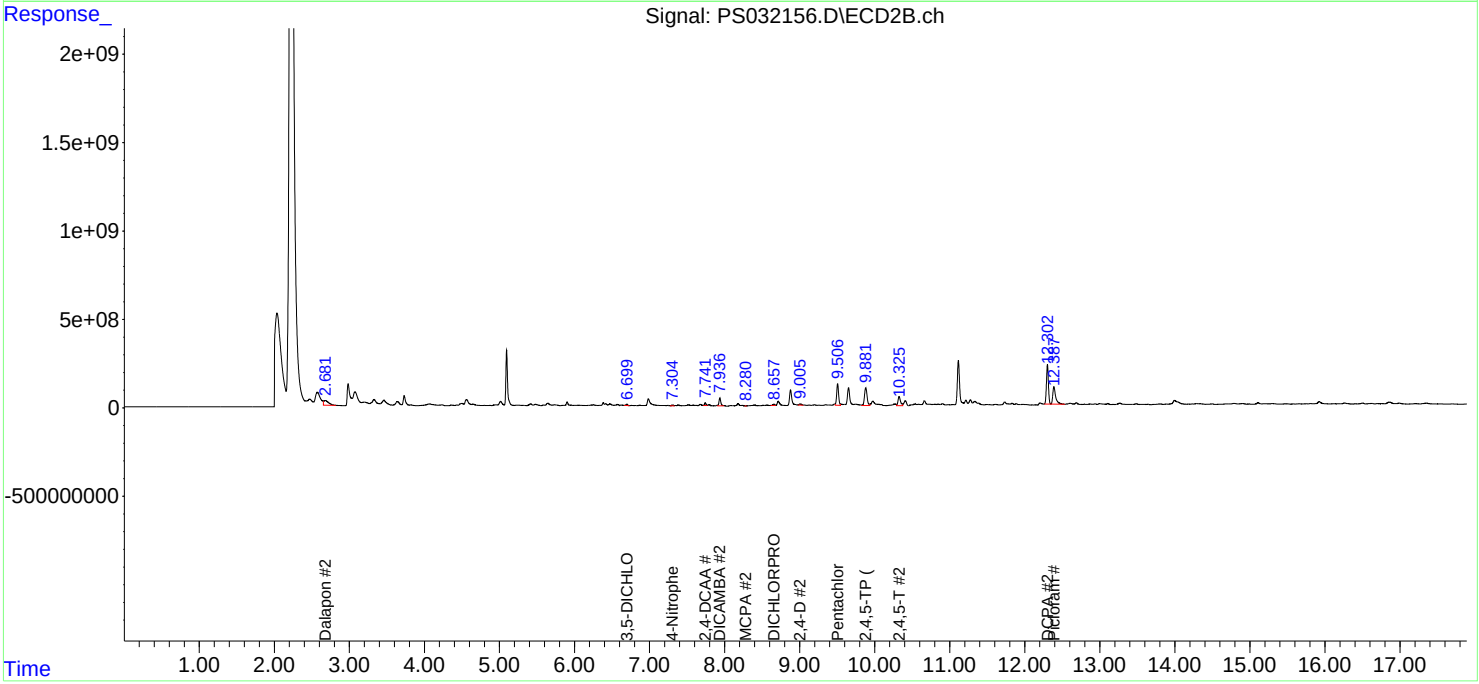
Instrument :
ECD_S
ClientSampleId :
TP-6MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS101325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PS031982.D	2,4-DCAA #2	Abdul	10/14/2025 8:44:35 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-D	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-D #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-DB #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	4-Nitrophenol	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	4-Nitrophenol #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	MCPP	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	MCPP #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC1500	PS031987.D	4-Nitrophenol #2	Abdul	10/14/2025 8:44:45 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
I.BLK	PS031989.D	2,4-DCAA #2	Abdul	10/14/2025 1:04:58 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	2,4-DB	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	2,4-DB #2	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	4-Nitrophenol	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS101325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031999.D	MCPA	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	MCPP	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	Picloram	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS102325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3399-01	PS032135.D	2,4-DCAA	Abdul	10/24/2025 9:10:36 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
PB170221BL	PS032138.D	2,4-DCAA	Abdul	10/24/2025 9:10:15 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
PB170221BS	PS032139.D	Picloram	Abdul	10/24/2025 9:10:11 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
HSTDCCC750	PS032144.D	4-Nitrophenol	Abdul	10/24/2025 9:09:49 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pS102425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS032151.D	2,4-DB #2	Abdul	10/27/2025 9:16:14 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
HSTDCCC750	PS032154.D	4-Nitrophenol	Abdul	10/27/2025 9:16:08 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	2,4-D	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	2,4-D #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	2,4-DCAA	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	4-Nitrophenol	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	Dalapon	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	Dalapon #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	DCPA #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	DICAMBA #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	MCPP	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	MCPP #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	Pentachlorophenol #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pS102425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3412-01MSD	PS032156.D	2,4-D	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	2,4-D #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	2,4-DCAA #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	4-Nitrophenol	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	Dalapon	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	Dalapon #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	DCPA #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	DICAMBA #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	MCPP #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	Pentachlorophenol #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM		
SubDirectory	PS101325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031981.D	13 Oct 2025 09:35	AR\AJ	Ok
2	I.BLK	PS031982.D	13 Oct 2025 10:29	AR\AJ	Ok,M
3	HSTDICC200	PS031983.D	13 Oct 2025 10:53	AR\AJ	Ok,M
4	HSTDICC500	PS031984.D	13 Oct 2025 11:17	AR\AJ	Ok
5	HSTDICC750	PS031985.D	13 Oct 2025 11:41	AR\AJ	Ok
6	HSTDICC1000	PS031986.D	13 Oct 2025 12:05	AR\AJ	Ok
7	HSTDICC1500	PS031987.D	13 Oct 2025 12:29	AR\AJ	Ok,M
8	HSTDICV750	PS031988.D	13 Oct 2025 12:52	AR\AJ	Ok
9	I.BLK	PS031989.D	13 Oct 2025 13:16	AR\AJ	Ok,M
10	HSTDCCC750	PS031990.D	13 Oct 2025 13:41	AR\AJ	Ok
11	Q3297-01	PS031991.D	13 Oct 2025 14:05	AR\AJ	Ok,M
12	Q3297-11	PS031992.D	13 Oct 2025 14:29	AR\AJ	Ok
13	PB170051BL	PS031993.D	13 Oct 2025 14:53	AR\AJ	Ok
14	PB170051BS	PS031994.D	13 Oct 2025 15:17	AR\AJ	Not Ok
15	Q3297-01MS	PS031995.D	13 Oct 2025 15:41	AR\AJ	Ok,M
16	Q3297-01MSD	PS031996.D	13 Oct 2025 16:06	AR\AJ	Ok,M
17	Q3305-01	PS031997.D	13 Oct 2025 16:30	AR\AJ	Ok
18	I.BLK	PS031998.D	13 Oct 2025 16:54	AR\AJ	Ok
19	HSTDCCC750	PS031999.D	13 Oct 2025 17:18	AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS102325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS032130.D	23 Oct 2025 09:16	AR\AJ	Ok
2	I.BLK	PS032131.D	23 Oct 2025 09:40	AR\AJ	Ok
3	HSTDCCC750	PS032132.D	23 Oct 2025 10:04	AR\AJ	Ok
4	PB170220BL	PS032133.D	23 Oct 2025 10:31	AR\AJ	Ok
5	PB170220BS	PS032134.D	23 Oct 2025 10:55	AR\AJ	Ok,M
6	Q3399-01	PS032135.D	23 Oct 2025 11:20	AR\AJ	Ok,M
7	Q3399-02	PS032136.D	23 Oct 2025 11:44	AR\AJ	Ok,M
8	PB170172TB	PS032137.D	23 Oct 2025 12:09	AR\AJ	Not Ok
9	PB170221BL	PS032138.D	23 Oct 2025 12:33	AR\AJ	Ok,M
10	PB170221BS	PS032139.D	23 Oct 2025 12:58	AR\AJ	Ok,M
11	Q3412-01	PS032140.D	23 Oct 2025 13:22	AR\AJ	Ok,M
12	Q3412-01MS	PS032141.D	23 Oct 2025 13:47	AR\AJ	Not Ok
13	Q3412-01MSD	PS032142.D	23 Oct 2025 14:11	AR\AJ	Not Ok
14	I.BLK	PS032143.D	23 Oct 2025 14:36	AR\AJ	Ok
15	HSTDCCC750	PS032144.D	23 Oct 2025 15:00	AR\AJ	Ok,M
16	Q3399-02MS	PS032145.D	23 Oct 2025 15:25	AR\AJ	Ok,M
17	Q3399-02MSD	PS032146.D	23 Oct 2025 15:49	AR\AJ	Ok,M
18	I.BLK	PS032147.D	23 Oct 2025 16:49	AR\AJ	Ok
19	HSTDCCC750	PS032148.D	23 Oct 2025 17:13	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102425

Review By	Abdul	Review On	10/27/2025 9:16:47 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:55 AM		
SubDirectory	PS102425	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS032149.D	24 Oct 2025 09:46	AR\AJ	Ok
2	I.BLK	PS032150.D	24 Oct 2025 10:10	AR\AJ	Ok
3	HSTDCCC750	PS032151.D	24 Oct 2025 10:34	AR\AJ	Ok,M
4	PB170172TB	PS032152.D	24 Oct 2025 12:28	AR\AJ	Ok
5	I.BLK	PS032153.D	24 Oct 2025 14:04	AR\AJ	Ok
6	HSTDCCC750	PS032154.D	24 Oct 2025 14:28	AR\AJ	Ok,M
7	Q3412-01MS	PS032155.D	24 Oct 2025 15:50	AR\AJ	Ok,M
8	Q3412-01MSD	PS032156.D	24 Oct 2025 16:14	AR\AJ	Ok,M
9	Q3412-01MSRE	PS032157.D	24 Oct 2025 16:39	AR\AJ	Not Ok
10	Q3412-01MSDRE	PS032158.D	24 Oct 2025 17:04	AR\AJ	Not Ok
11	I.BLK	PS032159.D	24 Oct 2025 17:28	AR\AJ	Ok
12	HSTDCCC750	PS032160.D	24 Oct 2025 17:53	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM		
SubDirectory	PS101325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031981.D	13 Oct 2025 09:35		AR\AJ	Ok
2	I.BLK	I.BLK	PS031982.D	13 Oct 2025 10:29		AR\AJ	Ok,M
3	HSTDICC200	HSTDICC200	PS031983.D	13 Oct 2025 10:53		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031984.D	13 Oct 2025 11:17		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031985.D	13 Oct 2025 11:41	Method fail for comp@10	AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031986.D	13 Oct 2025 12:05		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031987.D	13 Oct 2025 12:29		AR\AJ	Ok,M
8	HSTDICV750	ICVPS101325	PS031988.D	13 Oct 2025 12:52		AR\AJ	Ok
9	I.BLK	I.BLK	PS031989.D	13 Oct 2025 13:16		AR\AJ	Ok,M
10	HSTDCCC750	HSTDCCC750	PS031990.D	13 Oct 2025 13:41		AR\AJ	Ok
11	Q3297-01	TP1	PS031991.D	13 Oct 2025 14:05		AR\AJ	Ok,M
12	Q3297-11	TP2	PS031992.D	13 Oct 2025 14:29		AR\AJ	Ok
13	PB170051BL	PB170051BL	PS031993.D	13 Oct 2025 14:53		AR\AJ	Ok
14	PB170051BS	PB170051BS	PS031994.D	13 Oct 2025 15:17	Comp#3,9,10,15 recovery fail	AR\AJ	Not Ok
15	Q3297-01MS	TP1MS	PS031995.D	13 Oct 2025 15:41	some compound recovery fail	AR\AJ	Ok,M
16	Q3297-01MSD	TP1MSD	PS031996.D	13 Oct 2025 16:06	some compound recovery fail	AR\AJ	Ok,M
17	Q3305-01	AU-06-100725	PS031997.D	13 Oct 2025 16:30		AR\AJ	Ok
18	I.BLK	I.BLK	PS031998.D	13 Oct 2025 16:54		AR\AJ	Ok

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM		
SubDirectory	PS101325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	HSTDCCC750	HSTDCCC750	PS031999.D	13 Oct 2025 17:18		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS102325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS032130.D	23 Oct 2025 09:16		AR\AJ	Ok
2	I.BLK	I.BLK	PS032131.D	23 Oct 2025 09:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS032132.D	23 Oct 2025 10:04		AR\AJ	Ok
4	PB170220BL	PB170220BL	PS032133.D	23 Oct 2025 10:31		AR\AJ	Ok
5	PB170220BS	PB170220BS	PS032134.D	23 Oct 2025 10:55		AR\AJ	Ok,M
6	Q3399-01	COMP-ROLLOFF	PS032135.D	23 Oct 2025 11:20		AR\AJ	Ok,M
7	Q3399-02	COMP-ROLLOFF	PS032136.D	23 Oct 2025 11:44		AR\AJ	Ok,M
8	PB170172TB	PB170172TB	PS032137.D	23 Oct 2025 12:09	Surrogate low in both column	AR\AJ	Not Ok
9	PB170221BL	PB170221BL	PS032138.D	23 Oct 2025 12:33		AR\AJ	Ok,M
10	PB170221BS	PB170221BS	PS032139.D	23 Oct 2025 12:58		AR\AJ	Ok,M
11	Q3412-01	TP-6	PS032140.D	23 Oct 2025 13:22		AR\AJ	Ok,M
12	Q3412-01MS	TP-6MS	PS032141.D	23 Oct 2025 13:47	recovery fail for some compounds, comp # 1 & 14 having F flag in 1st column	AR\AJ	Not Ok
13	Q3412-01MSD	TP-6MSD	PS032142.D	23 Oct 2025 14:11	recovery fail for some compounds, comp # 1 & 14 having F flag in 1st column	AR\AJ	Not Ok
14	I.BLK	I.BLK	PS032143.D	23 Oct 2025 14:36		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS032144.D	23 Oct 2025 15:00		AR\AJ	Ok,M
16	Q3399-02MS	COMP-ROLLOFFMS	PS032145.D	23 Oct 2025 15:25	recovery fail for some compounds	AR\AJ	Ok,M

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS102325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q3399-02MSD	COMP-ROLLOFFMSD	PS032146.D	23 Oct 2025 15:49	recovery fail for some compounds	AR\AJ	Ok,M
18	I.BLK	I.BLK	PS032147.D	23 Oct 2025 16:49		AR\AJ	Ok
19	HSTDCCC750	HSTDCCC750	PS032148.D	23 Oct 2025 17:13		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102425

Review By	Abdul	Review On	10/27/2025 9:16:47 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:55 AM		
SubDirectory	PS102425	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS032149.D	24 Oct 2025 09:46		AR\AJ	Ok
2	I.BLK	I.BLK	PS032150.D	24 Oct 2025 10:10		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS032151.D	24 Oct 2025 10:34		AR\AJ	Ok,M
4	PB170172TB	PB170172TB	PS032152.D	24 Oct 2025 12:28		AR\AJ	Ok
5	I.BLK	I.BLK	PS032153.D	24 Oct 2025 14:04		AR\AJ	Ok
6	HSTDCCC750	HSTDCCC750	PS032154.D	24 Oct 2025 14:28		AR\AJ	Ok,M
7	Q3412-01MS	TP-6MS	PS032155.D	24 Oct 2025 15:50	F Flag in comp#1,3,14. some compound recovery fail	AR\AJ	Ok,M
8	Q3412-01MSD	TP-6MSD	PS032156.D	24 Oct 2025 16:14	F Flag in comp#1,3,14. some compound recovery fail , RPD Fail	AR\AJ	Ok,M
9	Q3412-01MSRE	TP-6MSRE	PS032157.D	24 Oct 2025 16:39	F Flag in comp#1,3,14. some compound recovery fail ,Not used	AR\AJ	Not Ok
10	Q3412-01MSDRE	TP-6MSDRE	PS032158.D	24 Oct 2025 17:04	F Flag in comp#1,3,14. some compound recovery fail , RPD Fail,Not used	AR\AJ	Not Ok
11	I.BLK	I.BLK	PS032159.D	24 Oct 2025 17:28		AR\AJ	Ok
12	HSTDCCC750	HSTDCCC750	PS032160.D	24 Oct 2025 17:53		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170221

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Extraction By: EH

Balance check: EH

Filter By: RS

Balance ID: EX-SC-2

pH Meter ID: N/A

pH Strip Lot#: E3953

Hood ID: 3,4,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:05

Extraction End Date : 10/22/2025

Extraction End Time : 16:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24929
Surrogate	1.0ML	5000 PPB	PP24916
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Acidified Na2SO4	N/A	EP2633
Sand	N/A	E3951
HCL	N/A	M6200
DI WATER	N/A	N/A
37% KOH	N/A	EP2648
Methylene Chloride	N/A	E3980
1:3 SULPHURIC ACID	N/A	EP2647
Ether	N/A	E3969
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2650
Hexane	N/A	E3978
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze,40ML Vial Lot # 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext-lab)	R Post-PCBLab
16:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170221

Analytical Method: M8151A-Herbicide-23

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170221BL	HBLK221	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170221BS	HLCS221	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q3399-01	COMP-ROLLOFF	Herbicide	30.06	N/A	ritesh	Evelyn	10	C		3
Q3412-01	TP-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		4
Q3412-01MS	TP-6MS	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5
Q3412-01MSD	TP-6MSD	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		6

RS
10/22

* **Extracts relinguished on the same date as received.**

10/22/25 9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3399H **WorkList ID :** 192625 **Department :** Extraction **Date :** 10-22-2025 08:51:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Herbicide	Cool 4 deg C	ICES02	D41	10/20/2025	8151A
Q3412-01	TP-6	Solid	Herbicide	Cool 4 deg C	PSEG03	D31	10/20/2025	8151A

Date/Time 10/22/25 9:00
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by:

Date/Time 10/22/25 9:20
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext-Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

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A
B
C
D
E
F
G
H
I
J
K
L

SAMPLE DATA

Raw Data: **PS032152.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PB170172TB	SDG No.:	Q3399
Lab Sample ID:	PB170172TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	15.0	U	1	9.20	15.0	20.0	ug/L	10/24/25 12:28	PB170220
93-72-1	2,4,5-TP (Silvex)	15.0	U	1	7.80	15.0	20.0	ug/L	10/24/25 12:28	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	465			32 - 138		93%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032136.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	15.0	U	1	9.20	15.0	20.0	ug/L	10/23/25 11:44	PB170220
93-72-1	2,4,5-TP (Silvex)	15.0	UM	1	7.80	15.0	20.0	ug/L	10/23/25 11:44	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	459			32 - 138		92%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031982.D	PIBLK-PS031982.D	2,4-DCAA	1	500	308	62		32	138
		2,4-DCAA	2	500	407	81		32	138
I.BLK-PS032131.D	PIBLK-PS032131.D	2,4-DCAA	1	500	407	81		32	138
		2,4-DCAA	2	500	504	101		32	138
PB170220BL	PB170220BL	2,4-DCAA	1	500	364	73		32	138
		2,4-DCAA	2	500	472	94		32	138
PB170220BS	PB170220BS	2,4-DCAA	1	500	505	101		32	138
		2,4-DCAA	2	500	505	101		32	138
Q3399-02	COMP-ROLLOFF	2,4-DCAA	1	500	377	75		32	138
		2,4-DCAA	2	500	459	92		32	138
I.BLK-PS032143.D	PIBLK-PS032143.D	2,4-DCAA	1	500	416	83		32	138
		2,4-DCAA	2	500	506	101		32	138
Q3399-02MS	COMP-ROLLOFFMS	2,4-DCAA	1	500	349	70		32	138
		2,4-DCAA	2	500	550	110		32	138
Q3399-02MSD	COMP-ROLLOFFMSD	2,4-DCAA	1	500	364	73		32	138
		2,4-DCAA	2	500	443	89		32	138
I.BLK-PS032147.D	PIBLK-PS032147.D	2,4-DCAA	1	500	419	84		32	138
		2,4-DCAA	2	500	492	98		32	138
I.BLK-PS032150.D	PIBLK-PS032150.D	2,4-DCAA	1	500	360	72		32	138
		2,4-DCAA	2	500	513	103		32	138
PB170172TB	PB170172TB	2,4-DCAA	1	500	343	69		32	138
		2,4-DCAA	2	500	465	93		32	138
I.BLK-PS032153.D	PIBLK-PS032153.D	2,4-DCAA	1	500	391	78		32	138
		2,4-DCAA	2	500	530	106		32	138

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032145.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3399-02MS (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	2,4-D	50	0	25.1	ug/L	50				45	152	
	2,4,5-TP(Silvex)	50	0	24.5	ug/L	49	*			51	134	
Lab Sample ID:	**Q3399-02MS (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	2,4-D	50	0	29.1	ug/L	58				45	152	
	2,4,5-TP(Silvex)	50	0	30.6	ug/L	61				51	134	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032146.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3399-02MSD (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	2,4-D	50	0	24.5	ug/L	49		2		45	152	20
	2,4,5-TP(Silvex)	50	0	24.1	ug/L	48	*	2		51	134	20
Lab Sample ID:	**Q3399-02MSD (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	2,4-D	50	0	28.7	ug/L	57		2		45	152	20
	2,4,5-TP(Silvex)	50	0	30.3	ug/L	61		0		51	134	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **Datafile :** PS032134.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170220BS (Column 1)	2,4-D	5	4.80	ug/L	96				45	152	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				51	134	
PB170220BS (Column 2)	2,4-D	5	4.50	ug/L	90				45	152	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				51	134	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170220BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170220BL | Lab File ID: PS032133.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/23/2025 | Date Analyzed (2): 10/23/2025

Time Analyzed (1): 10:31 | Time Analyzed (2): 10:31

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170220BS	PB170220BS	PS032134.D	10/23/2025	10/23/2025
COMP-ROLLOFF	Q3399-02	PS032136.D	10/23/2025	10/23/2025
COMP-ROLLOFFMS	Q3399-02MS	PS032145.D	10/23/2025	10/23/2025
COMP-ROLLOFFMSD	Q3399-02MSD	PS032146.D	10/23/2025	10/23/2025
PB170172TB	PB170172TB	PS032152.D	10/24/2025	10/24/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PS032133.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170220BL	SDG No.:	Q3399
Lab Sample ID:	PB170220BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25 10:31	PB170220
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25 10:31	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	472			32 - 138		94%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/13/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/13/25
Client Sample ID:	PIBLK-PS031982.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS031982.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/13/25	PS101325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/13/25	PS101325
SURROGATES										
19719-28-9	2,4-DCAA	407			32 - 138		81%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032131.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032131.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	504			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032143.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032143.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	506			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032147.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032147.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	492			32 - 138		98%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032150.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032150.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	513			32 - 138		103%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032153.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032153.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	530			32 - 138		106%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032134.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170220BS	SDG No.:	Q3399
Lab Sample ID:	PB170220BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	4.80		1	0.92	1.50	2.00	ug/L	10/23/25 10:55	PB170220
93-72-1	2,4,5-TP (Silvex)	4.80		1	0.78	1.50	2.00	ug/L	10/23/25 10:55	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	505			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032145.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	29.1		1	9.20	15.0	20.0	ug/L	10/23/25 15:25	PB170220
93-72-1	2,4,5-TP (Silvex)	30.6		1	7.80	15.0	20.0	ug/L	10/23/25 15:25	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	550			32 - 138		110%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PS032146.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	28.7		1	9.20	15.0	20.0	ug/L	10/23/25 15:49	PB170220
93-72-1	2,4,5-TP (Silvex)	30.3		1	7.80	15.0	20.0	ug/L	10/23/25 15:49	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	443			32 - 138		89%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.29	9.28	9.28	9.28	9.28	9.28	9.18	9.38
2,4-D	8.43	8.42	8.41	8.41	8.41	8.41	8.31	8.51
2,4-DCAA	7.29	7.28	7.28	7.28	7.28	7.28	7.18	7.38

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_S
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.90	9.89	9.89	9.89	9.89	9.89	9.79	9.99
2,4-D	9.02	9.01	9.00	9.00	9.00	9.01	8.91	9.11
2,4-DCAA	7.76	7.75	7.74	7.74	7.74	7.75	7.65	7.85

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	33202700000	28816500000	28438300000	26226900000	24525800000	28242000000	12
2,4-D	5487130000	4996420000	4918990000	4560930000	4315910000	4855870000	9
2,4-DCAA	5590070000	4810210000	4780360000	4442800000	4211740000	4767030000	11

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	22626700000	20334000000	20451600000	19038400000	17923600000	20074900000	9
2,4-D	2294360000	2013000000	2101790000	2016570000	1965760000	2078300000	6
2,4-DCAA	1091580000	1077760000	1141380000	1095020000	1095970000	1100340000	2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	768.020	712.500	7.8
2,4-D	8.409	8.312	8.512	751.270	705.000	6.6
2,4-DCAA	7.280	7.182	7.382	810.260	750.000	8.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.892	9.792	9.992	773.160	712.500	8.5
2,4-D	9.001	8.902	9.102	774.470	705.000	9.9
2,4-DCAA	7.744	7.644	7.844	877.970	750.000	17.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.277	9.180	9.380	756.490	712.500	6.2
2,4-D	8.407	8.312	8.512	764.020	705.000	8.4
2,4-DCAA	7.279	7.182	7.382	794.670	750.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.892	9.792	9.992	756.750	712.500	6.2
2,4-D	9.000	8.902	9.102	778.940	705.000	10.5
2,4-DCAA	7.743	7.644	7.844	878.420	750.000	17.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:13 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:13 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032148.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	749.300	712.500	5.2
2,4-D	8.408	8.312	8.512	750.340	705.000	6.4
2,4-DCAA	7.279	7.182	7.382	797.050	750.000	6.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032148.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.891	9.792	9.992	752.170	712.500	5.6
2,4-D	9.001	8.902	9.102	766.900	705.000	8.8
2,4-DCAA	7.744	7.644	7.844	865.680	750.000	15.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:34 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:34 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032151.D **Time Analyzed:** 10:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	728.970	712.500	2.3
2,4-D	8.409	8.312	8.512	712.540	705.000	1.1
2,4-DCAA	7.279	7.182	7.382	772.240	750.000	3.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032151.D **Time Analyzed:** 10:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.890	9.792	9.992	745.250	712.500	4.6
2,4-D	9.000	8.902	9.102	739.330	705.000	4.9
2,4-DCAA	7.743	7.644	7.844	834.560	750.000	11.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.275	9.180	9.380	738.430	712.500	3.6
2,4-D	8.407	8.312	8.512	733.220	705.000	4.0
2,4-DCAA	7.278	7.182	7.382	790.230	750.000	5.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.891	9.792	9.992	750.010	712.500	5.3
2,4-D	9.000	8.902	9.102	761.860	705.000	8.1
2,4-DCAA	7.743	7.644	7.844	856.540	750.000	14.2

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.29	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.29	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.28	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.28	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.28	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.28	0.00
PB170220BL	PB170220BL	10/23/2025	10:31	PS032133.D	7.28	0.00
PB170220BS	PB170220BS	10/23/2025	10:55	PS032134.D	7.28	0.00
COMP-ROLLOFF	Q3399-02	10/23/2025	11:44	PS032136.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.28	0.00
COMP-ROLLOFFMS	Q3399-02MS	10/23/2025	15:25	PS032145.D	7.28	0.00
COMP-ROLLOFFMSD	Q3399-02MSD	10/23/2025	15:49	PS032146.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	16:49	PS032147.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	17:13	PS032148.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	10:10	PS032150.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	10:34	PS032151.D	7.28	0.00
PB170172TB	PB170172TB	10/24/2025	12:28	PS032152.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.28	0.00

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.75	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.76	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.75	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.74	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.74	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.74	0.00
PB170220BL	PB170220BL	10/23/2025	10:31	PS032133.D	7.75	0.00
PB170220BS	PB170220BS	10/23/2025	10:55	PS032134.D	7.75	0.00
COMP-ROLLOFF	Q3399-02	10/23/2025	11:44	PS032136.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.74	0.00
COMP-ROLLOFFMS	Q3399-02MS	10/23/2025	15:25	PS032145.D	7.74	0.00
COMP-ROLLOFFMSD	Q3399-02MSD	10/23/2025	15:49	PS032146.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	16:49	PS032147.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	17:13	PS032148.D	7.74	0.00
I.BLK	I.BLK	10/24/2025	10:10	PS032150.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	10:34	PS032151.D	7.74	0.00
PB170172TB	PB170172TB	10/24/2025	12:28	PS032152.D	7.75	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.74	0.00

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-02MS **Date(s) Analyzed:** 10/23/2025 10/23/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.41	8.36	8.46	25.1	14.8
	2	9.00	8.95	9.05	29.1	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	24.5	22.1
	2	9.89	9.84	9.94	30.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-02MSD **Date(s) Analyzed:** 10/23/2025 10/23/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.41	8.36	8.46	24.5	15.8
	2	9.00	8.95	9.05	28.7	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	24.1	22.8
	2	9.89	9.84	9.94	30.3	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170220BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170220BS **Date(s) Analyzed:** 10/23/2025 10/23/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	4.80	0
	2	9.89	9.84	9.94	4.80	
2,4-D	1	8.42	8.37	8.47	4.80	6.5
	2	9.01	8.96	9.06	4.50	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:28
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.284	7.752	1635.6E6	511.4E6	343.113	464.745 #
	Target Compounds						

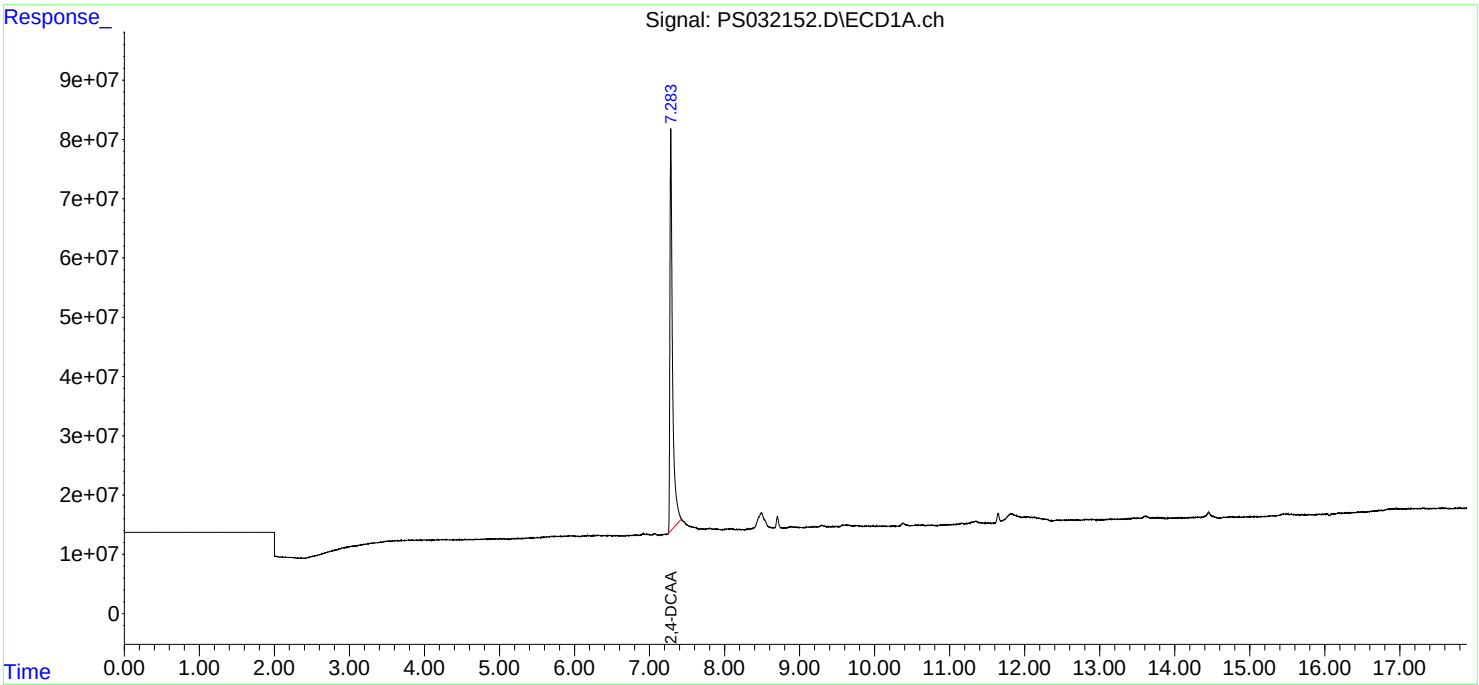
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

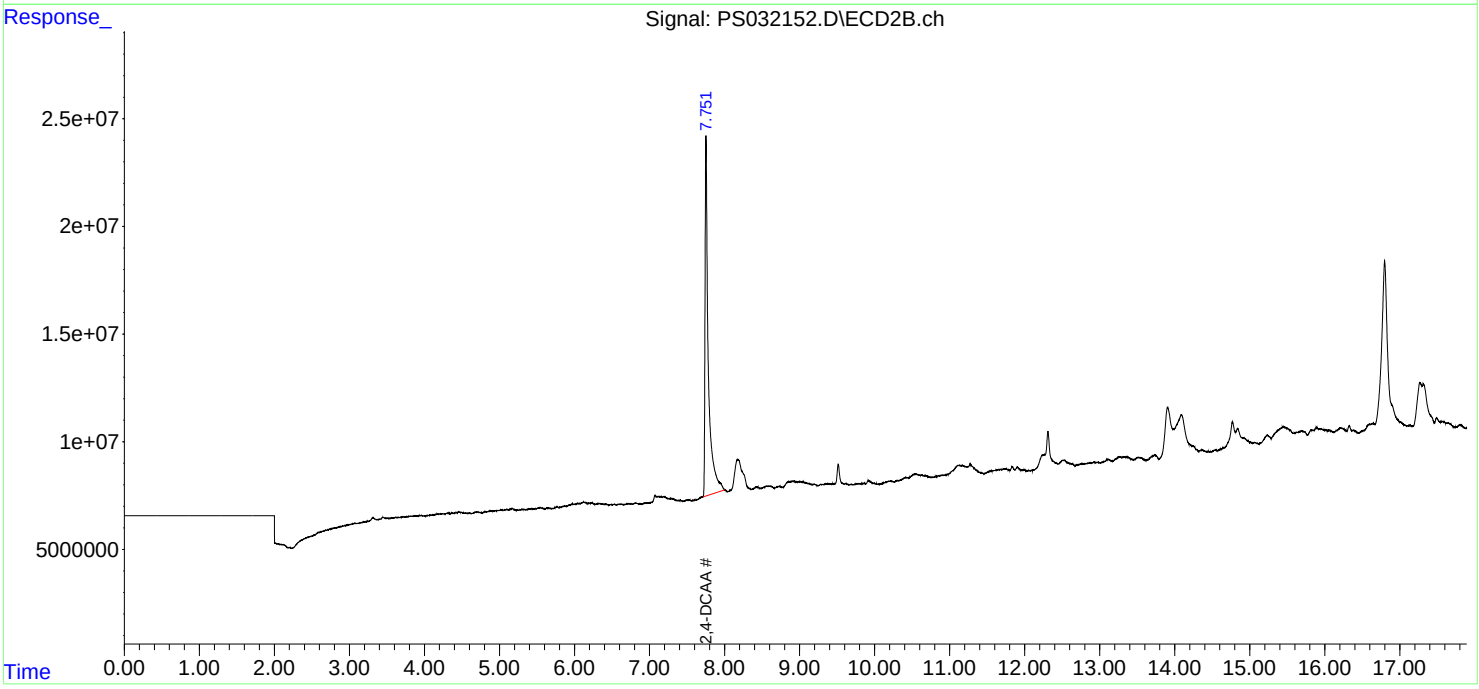
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:28
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

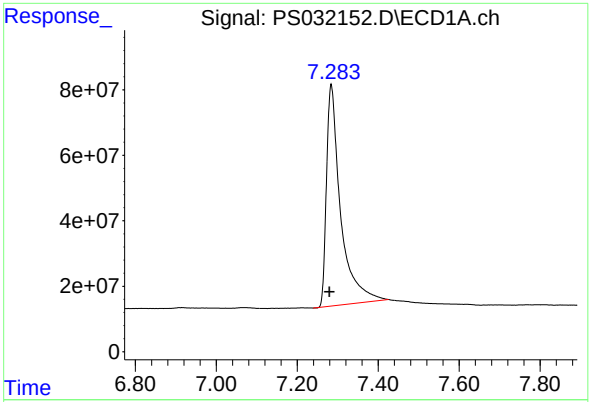
Instrument :
ECD_S
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



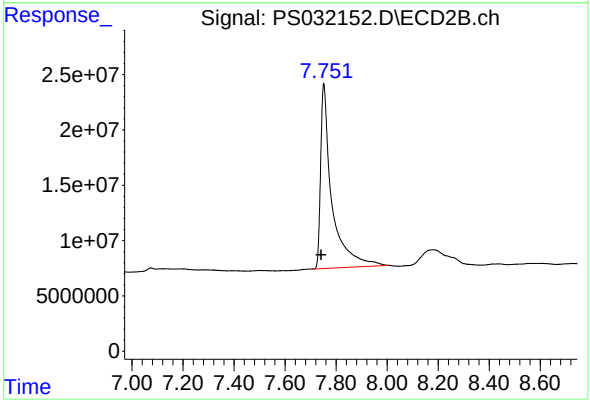




#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.004 min
Response: 1635630044
Conc: 343.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170172TB



#4 2,4-DCAA

R.T.: 7.752 min
Delta R.T.: 0.011 min
Response: 511377993
Conc: 464.75 ng/ml

Sample Results: **PS032136.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:44
Operator : AR\AJ
Sample : Q3399-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 17:31:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.278	7.743	1798.7E6	505.0E6	377.310m	458.930m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

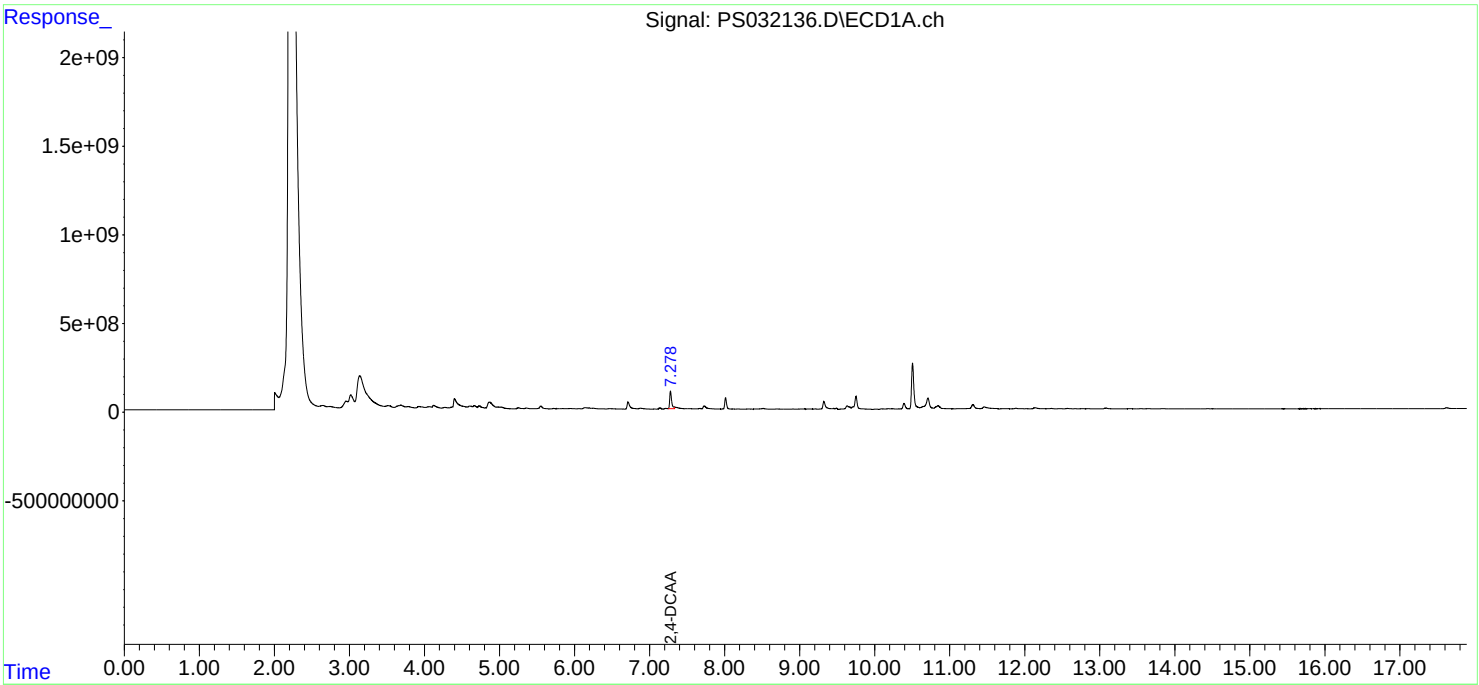
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:44
Operator : AR\AJ
Sample : Q3399-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

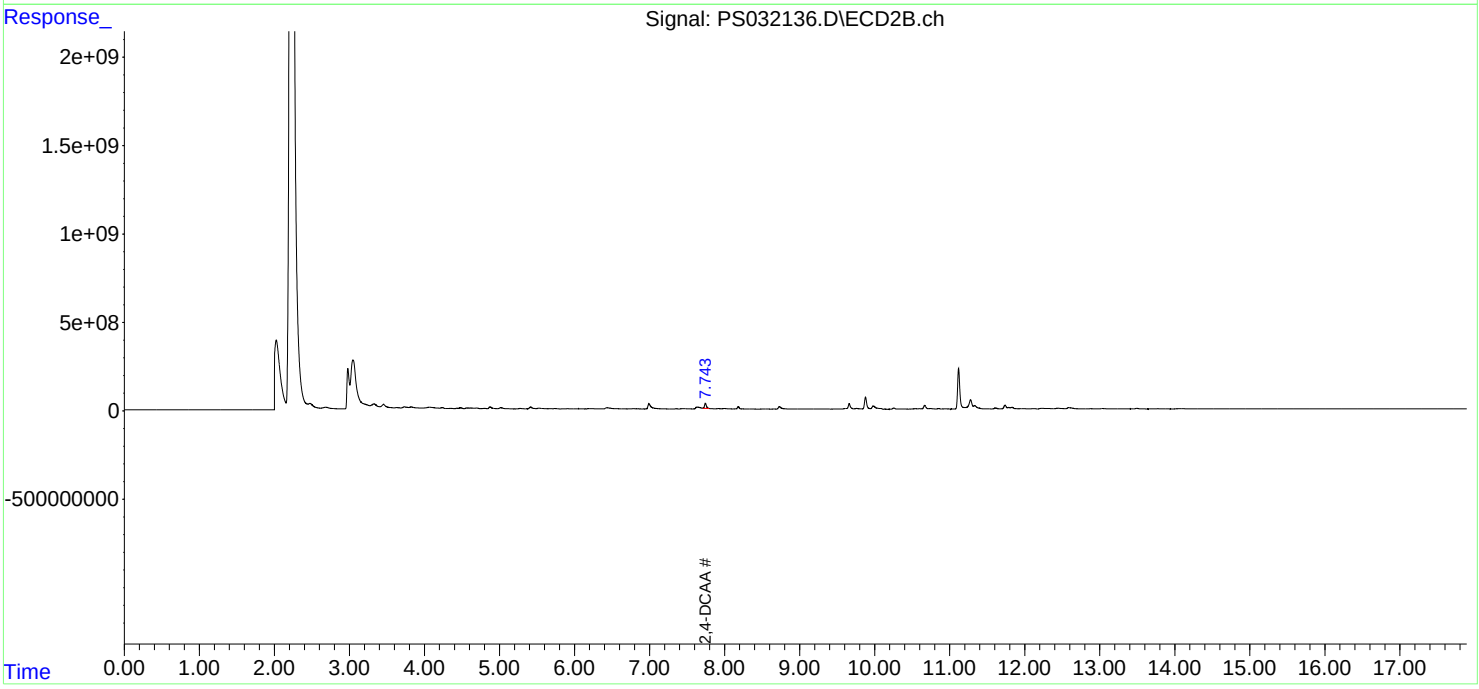
Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

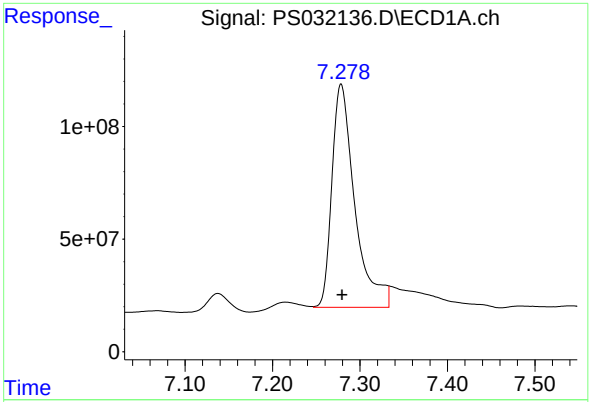
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 17:31:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







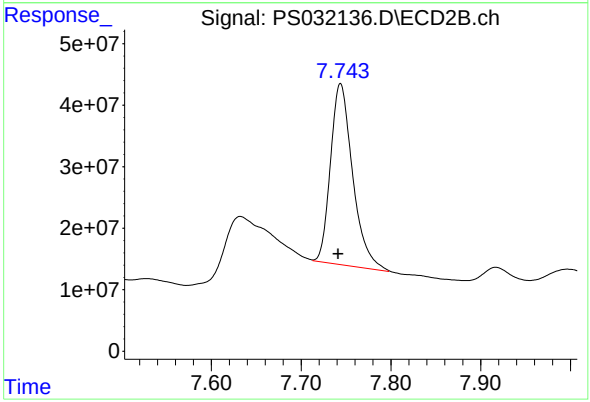
#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 1798651114
Conc: 377.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 504979181
Conc: 458.93 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 10:31
Operator : AR\AJ
Sample : PB170220BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170220BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 11:03:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.282	7.745	1733.4E6	519.4E6	363.624	472.023 #
	Target Compounds						

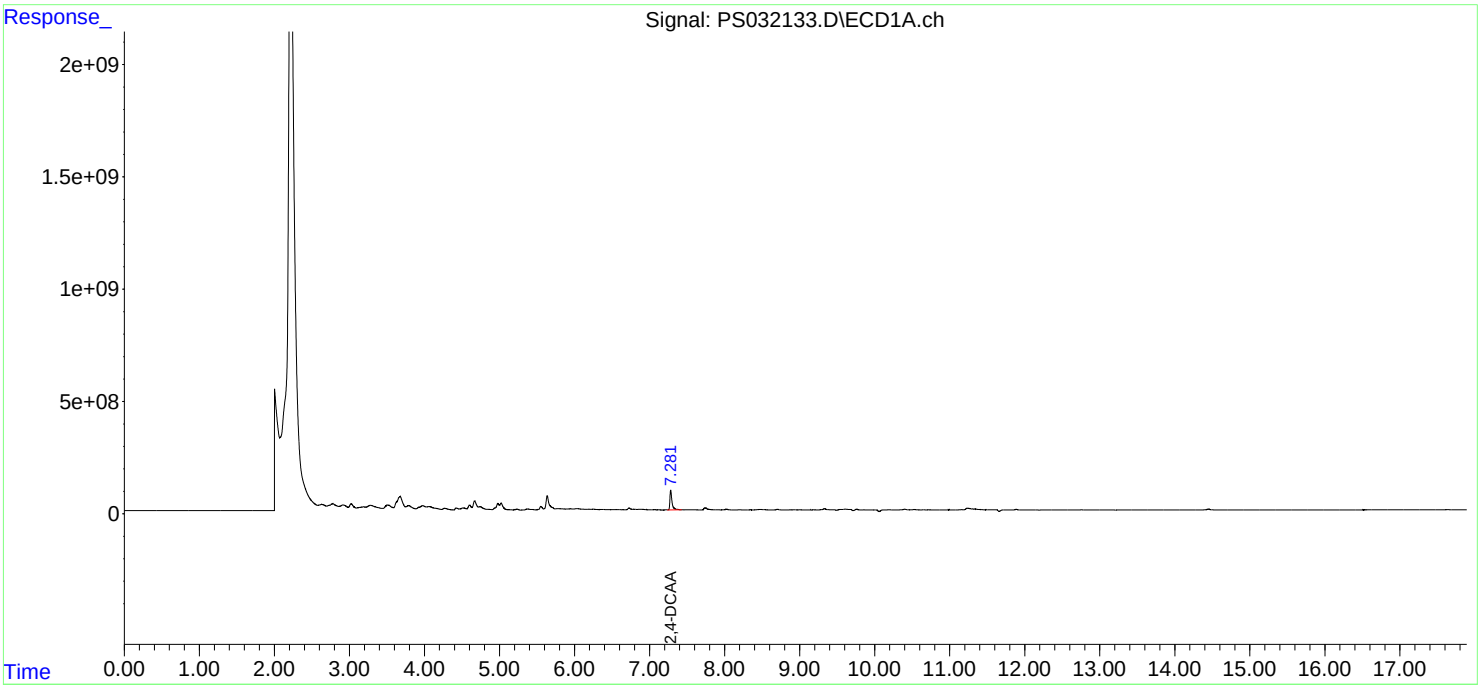
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

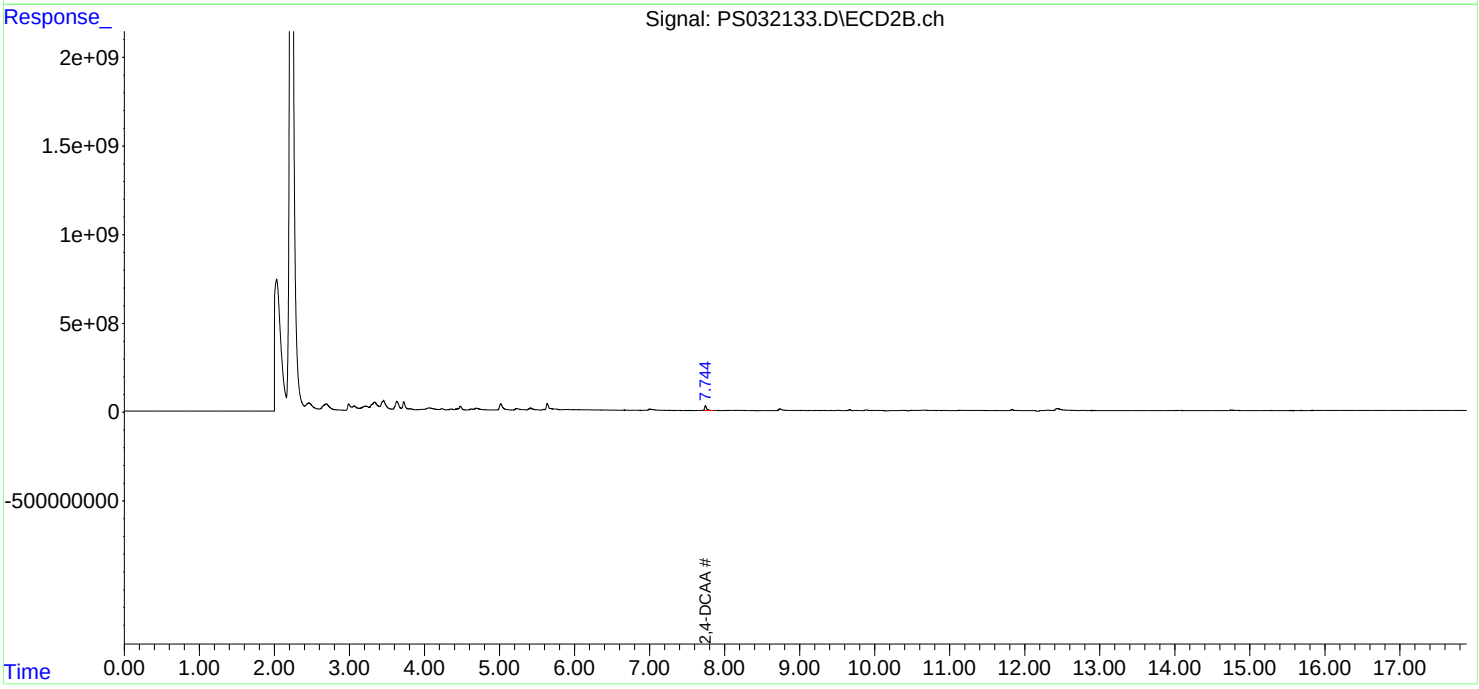
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 10:31
Operator : AR\AJ
Sample : PB170220BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

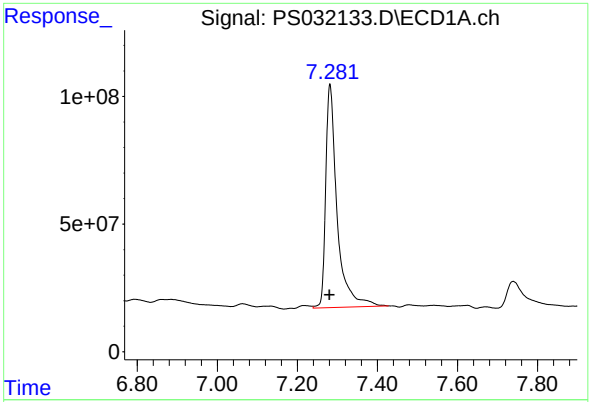
Instrument :
ECD_S
ClientSampleId :
PB170220BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 11:03:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



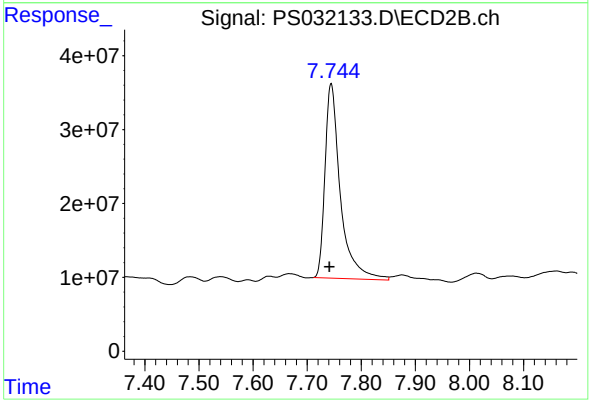




#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 1733409021
Conc: 363.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170220BL



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 519386143
Conc: 472.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 10:55
Operator : AR\AJ
Sample : PB170220BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170220BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:37:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.283	7.747	2408.6E6	555.2E6	505.260	504.603
		Target Compounds						
1)	T	Dalapon	2.662	2.688	3387.4E6	1726.6E6	438.355	459.402
2)	T	3,5-DICHL...	6.449	6.701	3325.1E6	969.3E6	472.385	464.719
3)	T	4-Nitroph...	7.107	7.318f	522.4E6	631.9E6	391.424	416.420
5)	T	DICAMBA	7.463	7.940	10324.4E6	4032.3E6	492.989	465.576
6)	T	MCPP	7.639	8.034	528.3E6	106.2E6	43.200	42.779
7)	T	MCPA	7.788	8.281	652.6E6	169.1E6	44.343	44.834
8)	T	DICHLORPROP	8.172	8.660	2204.3E6	918.3E6	463.668	468.920
9)	T	2,4-D	8.415	9.008	2323.1E6	941.2E6	478.402	452.878
10)	T	Pentachlo...	8.700	9.508	37287.0E6	26534.4E6	555.531	512.011
11)	T	2,4,5-TP ...	9.278	9.894	13463.9E6	9588.6E6	476.733	477.642
12)	T	2,4,5-T	9.580	10.326	12176.3E6	8080.6E6	482.337	471.318
13)	T	2,4-DB	10.157	10.896	1467.7E6	565.2E6	473.410	437.457
14)	T	DINOSEB	11.343	11.264	10292.4E6	6995.0E6	461.525	460.106
15)	T	Picloram	11.188	12.397	9996.7E6	13377.4E6	423.988m	401.821
16)	T	DCPA	11.642	12.305	17728.7E6	15971.7E6	482.542	480.907

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

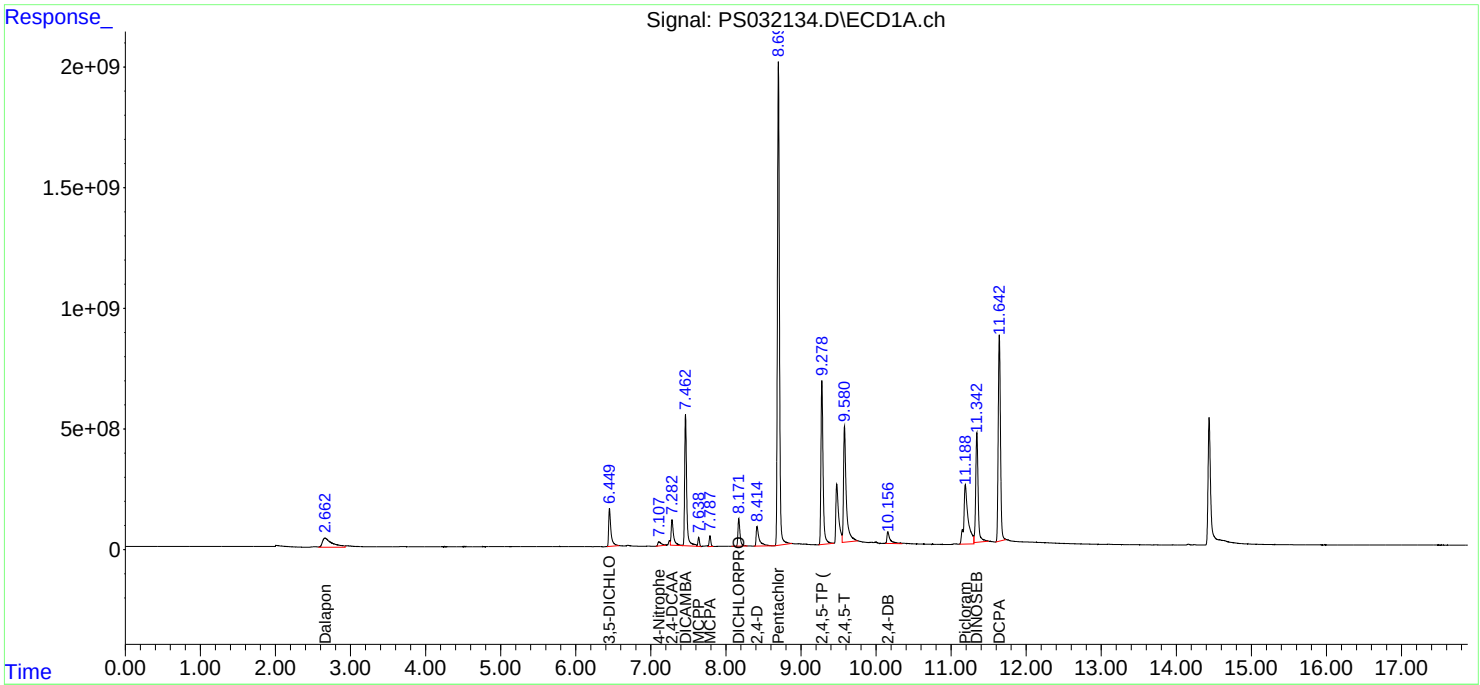
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 10:55
Operator : AR\AJ
Sample : PB170220BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

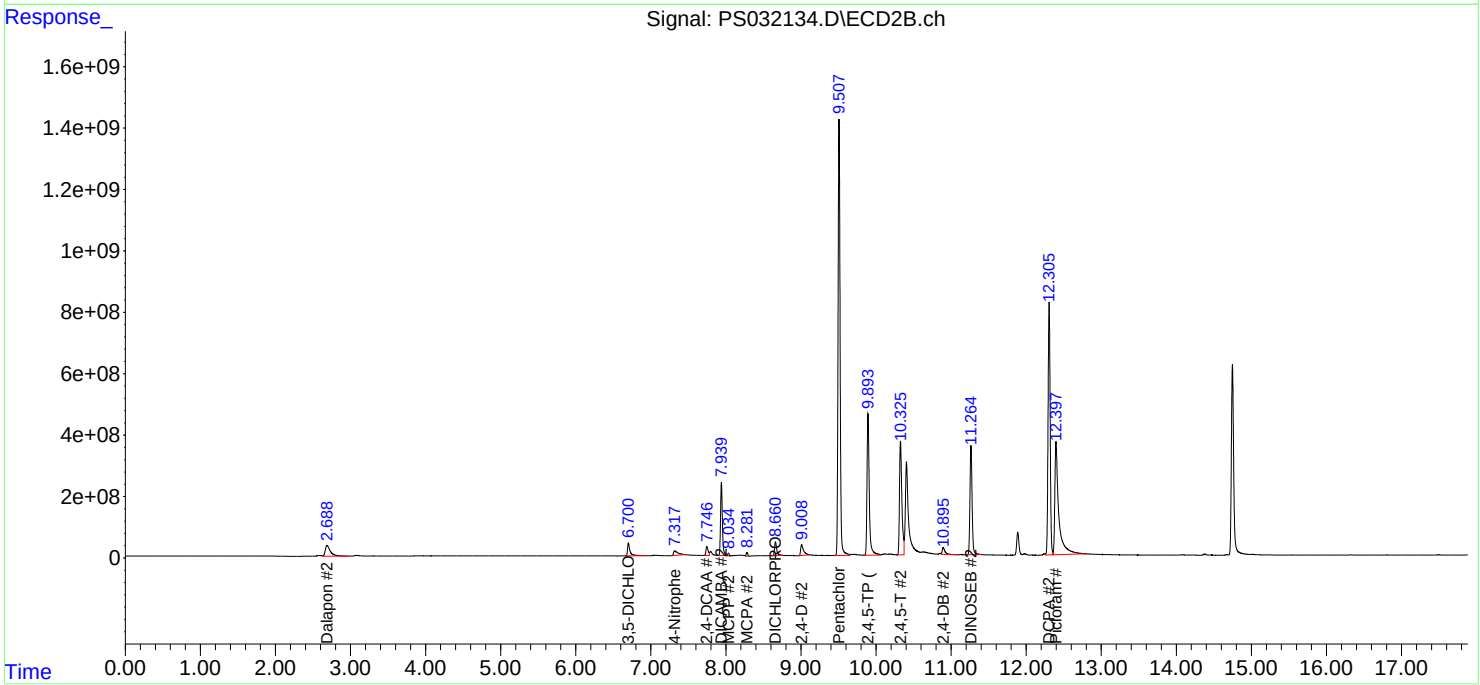
Instrument :
ECD_S
ClientSampleId :
PB170220BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:37:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 15:25
Operator : AR\AJ
Sample : Q3399-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:42:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
4) S	2,4-DCAA	7.278	7.742	1663.3E6	604.8E6	348.915m	549.666m#
	Target Compounds						
1) T	Dalapon	2.653	2.685	1053.2E6	1014.6E6	136.298m	269.953m#
2) T	3,5-DICHL...	6.448	6.699	1588.4E6	348.2E6	225.660	166.936 #
5) T	DICAMBA	7.462	7.939	4491.9E6	1882.0E6	214.487	217.301
6) T	MCPP	7.637	8.033	184.6E6	32884819	15.098	13.248m
7) T	MCPA	7.786	8.280	314.2E6	59655952	21.353	15.814 #
8) T	DICHLORPROP	8.171	8.658	1120.9E6	413.4E6	235.771	211.128
9) T	2,4-D	8.411	9.004	1217.8E6	605.7E6	250.786	291.417
10) T	Pentachlo...	8.699	9.508	12790.8E6	8594.3E6	190.568	165.836
11) T	2,4,5-TP ...	9.277	9.889	6924.5E6	6148.9E6	245.185m	306.301m
12) T	2,4,5-T	9.575	10.325	5371.1E6	4049.4E6	212.764m	236.193
13) T	2,4-DB	10.153	10.892	847.8E6	333.7E6	273.455	258.248
14) T	DINOSEB	11.342	11.271	1786.8E6	3206.2E6	80.121m	210.890 #
15) T	Picloram	11.182	12.392	5039.6E6	6416.8E6	213.742	192.744
16) T	DCPA	11.642	12.305	8065.9E6	7380.3E6	219.539	222.221

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

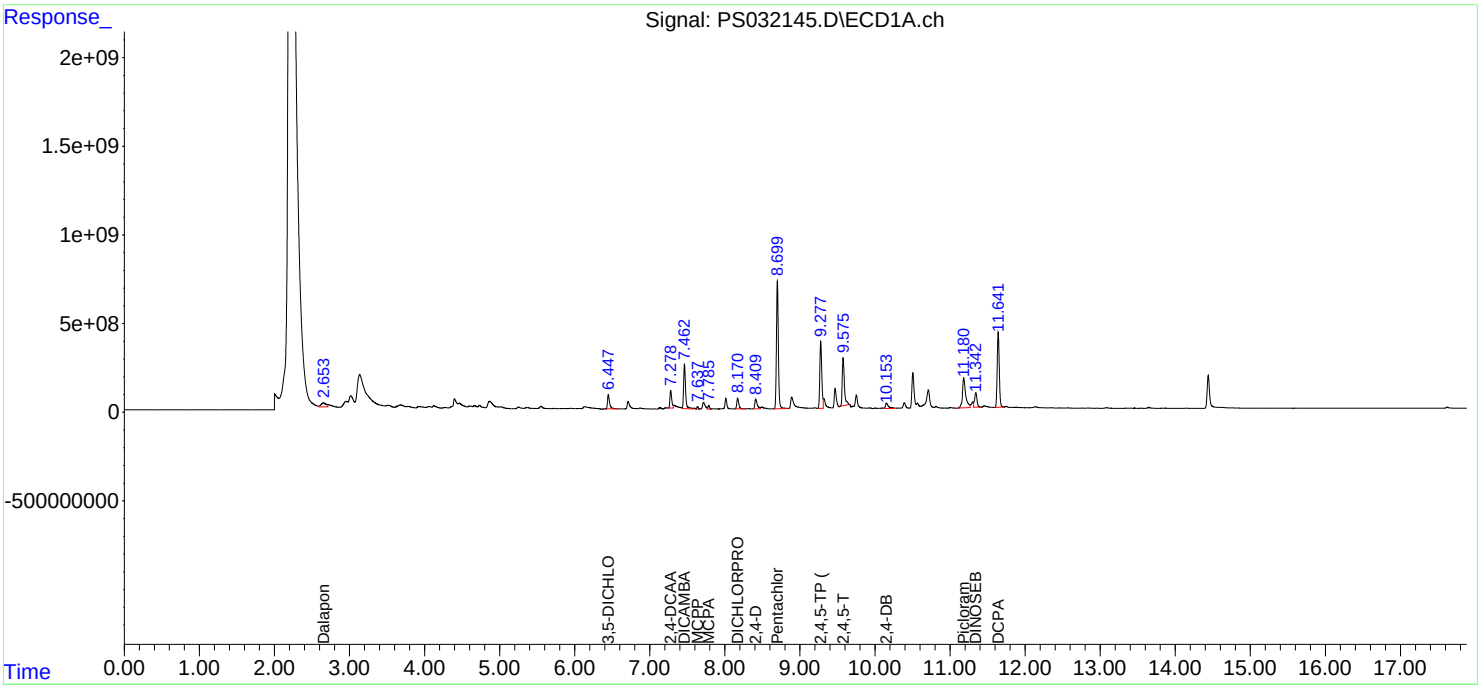
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 15:25
Operator : AR\AJ
Sample : Q3399-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

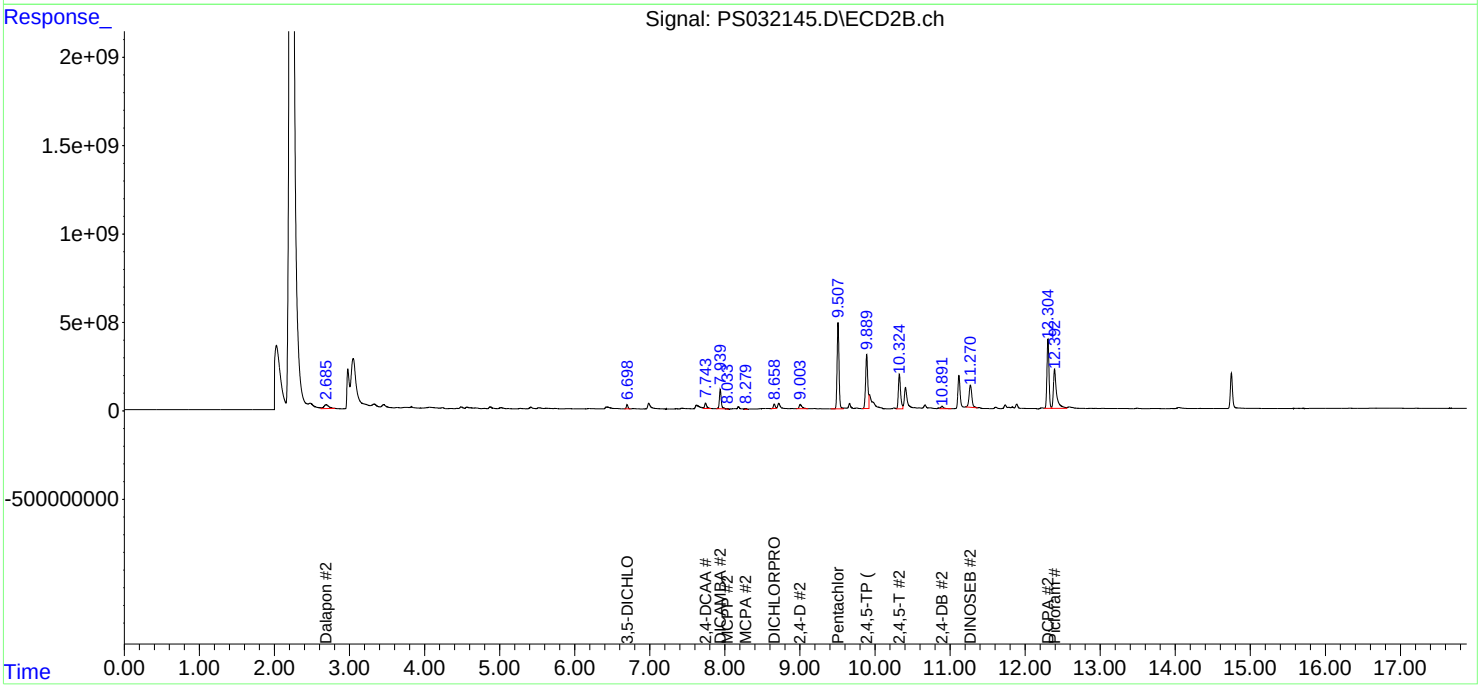
Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:42:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 15:49
Operator : AR\AJ
Sample : Q3399-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:42:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	7.278	7.742	1734.2E6	487.3E6	363.792m	442.868m
		Target Compounds						
1)	T	Dalapon	2.650	2.686	779.0E6	762.8E6	100.814m	202.976m#
2)	T	3,5-DICHL...	6.448	6.699	1565.3E6	342.1E6	222.375	164.014 #
5)	T	DICAMBA	7.461	7.939	4085.6E6	1863.7E6	195.088m	215.189
6)	T	MCPP	7.636	8.033	181.4E6	32690298	14.836	13.170m
7)	T	MCPA	7.785	8.279	283.2E6	59060165	19.247	15.656
8)	T	DICHLORPROP	8.171	8.658	1100.4E6	413.4E6	231.460	211.095
9)	T	2,4-D	8.411	9.003	1188.6E6	597.0E6	244.783	287.232
10)	T	Pentachlo...	8.699	9.508	12351.9E6	8309.1E6	184.029	160.334
11)	T	2,4,5-TP ...	9.277	9.889	6810.0E6	6087.2E6	241.132m	303.226m#
12)	T	2,4,5-T	9.574	10.325	5376.5E6	3965.8E6	212.981m	231.312
13)	T	2,4-DB	10.154	10.892	805.5E6	318.6E6	259.809	246.576
14)	T	DINOSEB	11.343	11.272	1644.2E6	3360.5E6	73.730m	221.038 #
15)	T	Picloram	11.183	12.393	4555.5E6	5843.1E6	193.212	175.510
16)	T	DCPA	11.642	12.304	7955.2E6	7281.1E6	216.525	219.234

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

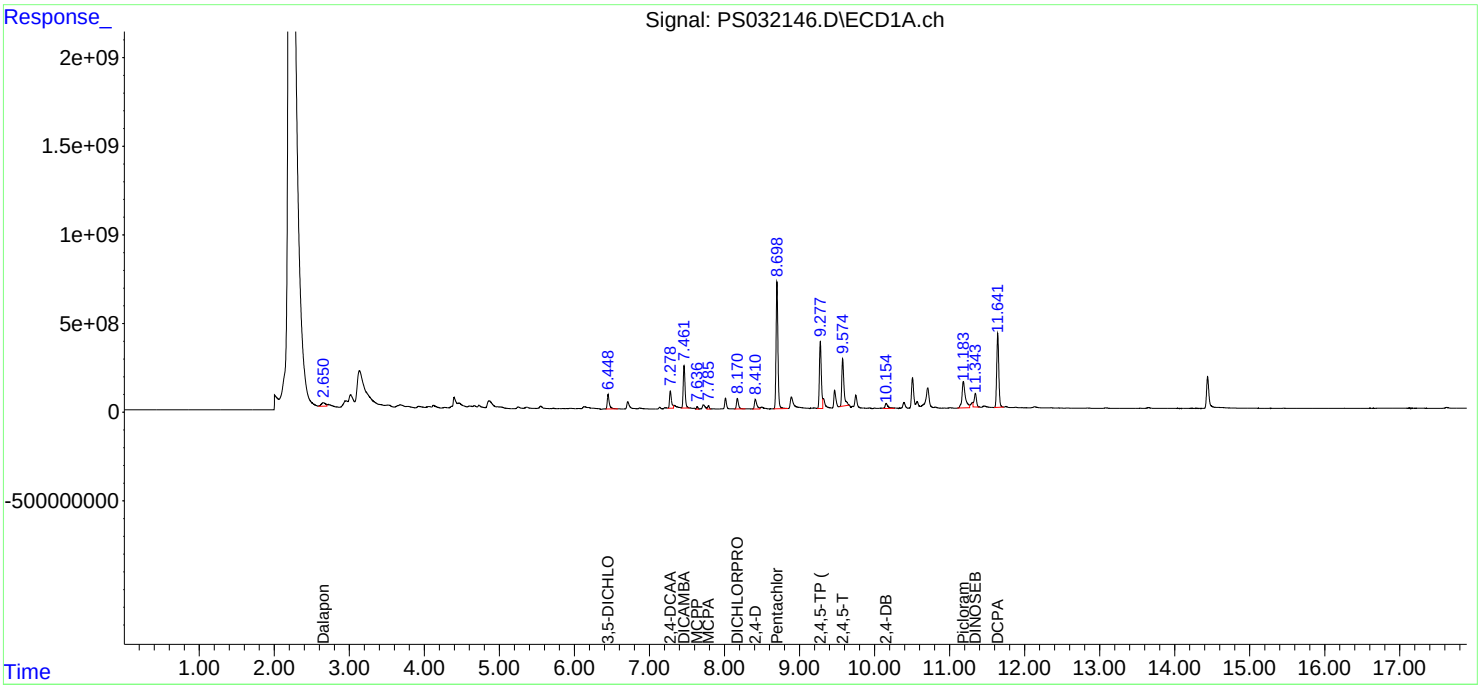
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 15:49
Operator : AR\AJ
Sample : Q3399-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

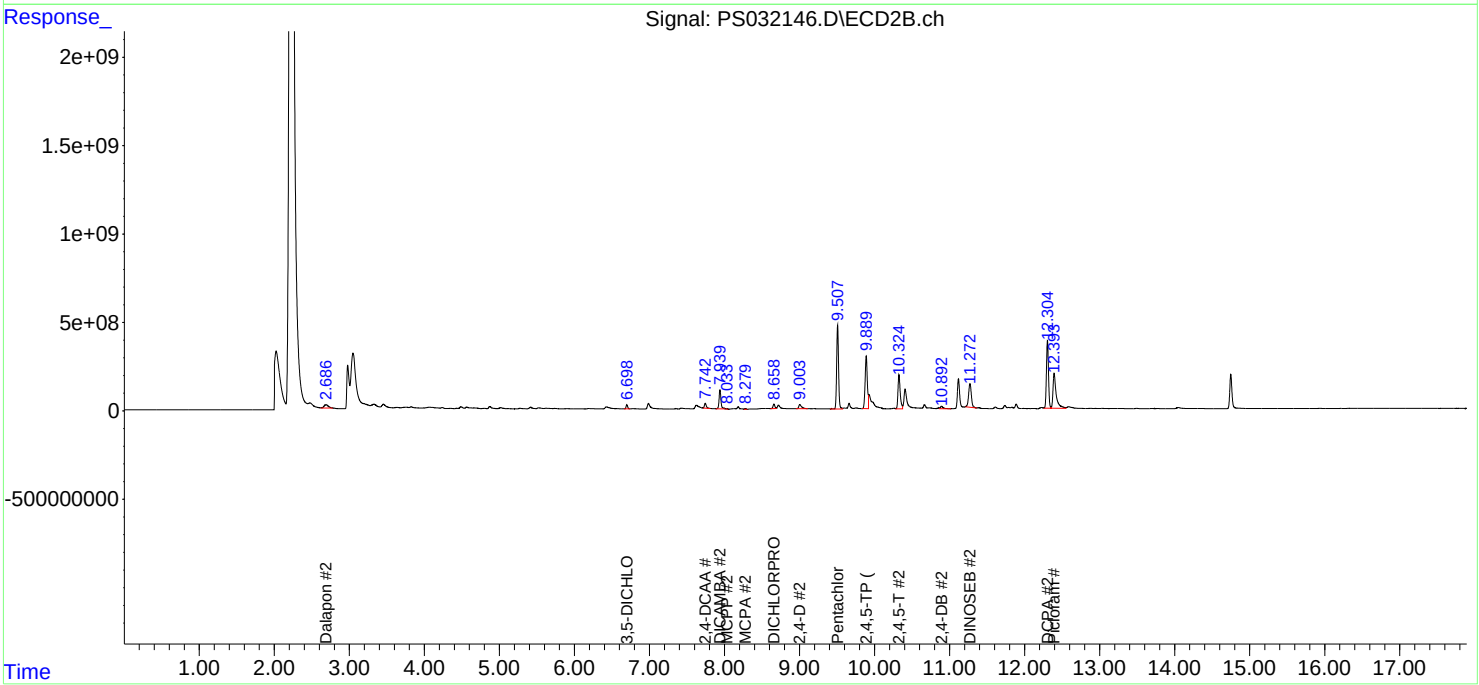
Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFFMSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:42:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS101325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PS031982.D	2,4-DCAA #2	Abdul	10/14/2025 8:44:35 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-D	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-D #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-DB #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	4-Nitrophenol	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	4-Nitrophenol #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	MCPP	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	MCPP #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC1500	PS031987.D	4-Nitrophenol #2	Abdul	10/14/2025 8:44:45 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
I.BLK	PS031989.D	2,4-DCAA #2	Abdul	10/14/2025 1:04:58 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	2,4-DB	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	2,4-DB #2	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	4-Nitrophenol	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS101325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031999.D	MCPA	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	MCPP	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	Picloram	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS102325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170220BS	PS032134.D	Picloram	Abdul	10/24/2025 9:10:42 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02	PS032136.D	2,4-DCAA	Abdul	10/24/2025 9:10:24 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02	PS032136.D	2,4-DCAA #2	Abdul	10/24/2025 9:10:24 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
HSTDCCC750	PS032144.D	4-Nitrophenol	Abdul	10/24/2025 9:09:49 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4,5-T	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4,5-TP (SILVEX)	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4,5-TP (SILVEX) #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4-DCAA	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4-DCAA #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	Dalapon	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	Dalapon #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	DINOSEB	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	MCPP #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PS102325	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3399-02MSD	PS032146.D	2,4,5-T	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4,5-TP (SILVEX)	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4,5-TP (SILVEX) #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4-DCAA	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4-DCAA #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	Dalapon	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	Dalapon #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	DICAMBA	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	DINOSEB	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	MCPP #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pS102425	Instrument	ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS032151.D	2,4-DB #2	Abdul	10/27/2025 9:16:14 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
HSTDCCC750	PS032154.D	4-Nitrophenol	Abdul	10/27/2025 9:16:08 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM		
SubDirectory	PS101325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031981.D	13 Oct 2025 09:35	AR\AJ	Ok
2	I.BLK	PS031982.D	13 Oct 2025 10:29	AR\AJ	Ok,M
3	HSTDICC200	PS031983.D	13 Oct 2025 10:53	AR\AJ	Ok,M
4	HSTDICC500	PS031984.D	13 Oct 2025 11:17	AR\AJ	Ok
5	HSTDICC750	PS031985.D	13 Oct 2025 11:41	AR\AJ	Ok
6	HSTDICC1000	PS031986.D	13 Oct 2025 12:05	AR\AJ	Ok
7	HSTDICC1500	PS031987.D	13 Oct 2025 12:29	AR\AJ	Ok,M
8	HSTDICV750	PS031988.D	13 Oct 2025 12:52	AR\AJ	Ok
9	I.BLK	PS031989.D	13 Oct 2025 13:16	AR\AJ	Ok,M
10	HSTDCCC750	PS031990.D	13 Oct 2025 13:41	AR\AJ	Ok
11	Q3297-01	PS031991.D	13 Oct 2025 14:05	AR\AJ	Ok,M
12	Q3297-11	PS031992.D	13 Oct 2025 14:29	AR\AJ	Ok
13	PB170051BL	PS031993.D	13 Oct 2025 14:53	AR\AJ	Ok
14	PB170051BS	PS031994.D	13 Oct 2025 15:17	AR\AJ	Not Ok
15	Q3297-01MS	PS031995.D	13 Oct 2025 15:41	AR\AJ	Ok,M
16	Q3297-01MSD	PS031996.D	13 Oct 2025 16:06	AR\AJ	Ok,M
17	Q3305-01	PS031997.D	13 Oct 2025 16:30	AR\AJ	Ok
18	I.BLK	PS031998.D	13 Oct 2025 16:54	AR\AJ	Ok
19	HSTDCCC750	PS031999.D	13 Oct 2025 17:18	AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS102325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS032130.D	23 Oct 2025 09:16	AR\AJ	Ok
2	I.BLK	PS032131.D	23 Oct 2025 09:40	AR\AJ	Ok
3	HSTDCCC750	PS032132.D	23 Oct 2025 10:04	AR\AJ	Ok
4	PB170220BL	PS032133.D	23 Oct 2025 10:31	AR\AJ	Ok
5	PB170220BS	PS032134.D	23 Oct 2025 10:55	AR\AJ	Ok,M
6	Q3399-01	PS032135.D	23 Oct 2025 11:20	AR\AJ	Ok,M
7	Q3399-02	PS032136.D	23 Oct 2025 11:44	AR\AJ	Ok,M
8	PB170172TB	PS032137.D	23 Oct 2025 12:09	AR\AJ	Not Ok
9	PB170221BL	PS032138.D	23 Oct 2025 12:33	AR\AJ	Ok,M
10	PB170221BS	PS032139.D	23 Oct 2025 12:58	AR\AJ	Ok,M
11	Q3412-01	PS032140.D	23 Oct 2025 13:22	AR\AJ	Ok,M
12	Q3412-01MS	PS032141.D	23 Oct 2025 13:47	AR\AJ	Not Ok
13	Q3412-01MSD	PS032142.D	23 Oct 2025 14:11	AR\AJ	Not Ok
14	I.BLK	PS032143.D	23 Oct 2025 14:36	AR\AJ	Ok
15	HSTDCCC750	PS032144.D	23 Oct 2025 15:00	AR\AJ	Ok,M
16	Q3399-02MS	PS032145.D	23 Oct 2025 15:25	AR\AJ	Ok,M
17	Q3399-02MSD	PS032146.D	23 Oct 2025 15:49	AR\AJ	Ok,M
18	I.BLK	PS032147.D	23 Oct 2025 16:49	AR\AJ	Ok
19	HSTDCCC750	PS032148.D	23 Oct 2025 17:13	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102425

Review By	Abdul	Review On	10/27/2025 9:16:47 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:55 AM		
SubDirectory	PS102425	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS032149.D	24 Oct 2025 09:46	AR\AJ	Ok
2	I.BLK	PS032150.D	24 Oct 2025 10:10	AR\AJ	Ok
3	HSTDCCC750	PS032151.D	24 Oct 2025 10:34	AR\AJ	Ok,M
4	PB170172TB	PS032152.D	24 Oct 2025 12:28	AR\AJ	Ok
5	I.BLK	PS032153.D	24 Oct 2025 14:04	AR\AJ	Ok
6	HSTDCCC750	PS032154.D	24 Oct 2025 14:28	AR\AJ	Ok,M
7	Q3412-01MS	PS032155.D	24 Oct 2025 15:50	AR\AJ	ReRun
8	Q3412-01MSD	PS032156.D	24 Oct 2025 16:14	AR\AJ	ReRun
9	Q3412-01MSRE	PS032157.D	24 Oct 2025 16:39	AR\AJ	Confirms
10	Q3412-01MSDRE	PS032158.D	24 Oct 2025 17:04	AR\AJ	Confirms
11	I.BLK	PS032159.D	24 Oct 2025 17:28	AR\AJ	Ok
12	HSTDCCC750	PS032160.D	24 Oct 2025 17:53	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM		
SubDirectory	PS101325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031981.D	13 Oct 2025 09:35		AR\AJ	Ok
2	I.BLK	I.BLK	PS031982.D	13 Oct 2025 10:29		AR\AJ	Ok,M
3	HSTDICC200	HSTDICC200	PS031983.D	13 Oct 2025 10:53		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031984.D	13 Oct 2025 11:17		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031985.D	13 Oct 2025 11:41	Method fail for comp@10	AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031986.D	13 Oct 2025 12:05		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031987.D	13 Oct 2025 12:29		AR\AJ	Ok,M
8	HSTDICV750	ICVPS101325	PS031988.D	13 Oct 2025 12:52		AR\AJ	Ok
9	I.BLK	I.BLK	PS031989.D	13 Oct 2025 13:16		AR\AJ	Ok,M
10	HSTDCCC750	HSTDCCC750	PS031990.D	13 Oct 2025 13:41		AR\AJ	Ok
11	Q3297-01	TP1	PS031991.D	13 Oct 2025 14:05		AR\AJ	Ok,M
12	Q3297-11	TP2	PS031992.D	13 Oct 2025 14:29		AR\AJ	Ok
13	PB170051BL	PB170051BL	PS031993.D	13 Oct 2025 14:53		AR\AJ	Ok
14	PB170051BS	PB170051BS	PS031994.D	13 Oct 2025 15:17	Comp#3,9,10,15 recovery fail	AR\AJ	Not Ok
15	Q3297-01MS	TP1MS	PS031995.D	13 Oct 2025 15:41	some compound recovery fail	AR\AJ	Ok,M
16	Q3297-01MSD	TP1MSD	PS031996.D	13 Oct 2025 16:06	some compound recovery fail	AR\AJ	Ok,M
17	Q3305-01	AU-06-100725	PS031997.D	13 Oct 2025 16:30		AR\AJ	Ok
18	I.BLK	I.BLK	PS031998.D	13 Oct 2025 16:54		AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM		
SubDirectory	PS101325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	HSTDCCC750	HSTDCCC750	PS031999.D	13 Oct 2025 17:18		AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS102325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS032130.D	23 Oct 2025 09:16		AR\AJ	Ok
2	I.BLK	I.BLK	PS032131.D	23 Oct 2025 09:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS032132.D	23 Oct 2025 10:04		AR\AJ	Ok
4	PB170220BL	PB170220BL	PS032133.D	23 Oct 2025 10:31		AR\AJ	Ok
5	PB170220BS	PB170220BS	PS032134.D	23 Oct 2025 10:55		AR\AJ	Ok,M
6	Q3399-01	COMP-ROLLOFF	PS032135.D	23 Oct 2025 11:20		AR\AJ	Ok,M
7	Q3399-02	COMP-ROLLOFF	PS032136.D	23 Oct 2025 11:44		AR\AJ	Ok,M
8	PB170172TB	PB170172TB	PS032137.D	23 Oct 2025 12:09	Surrogate low in both column	AR\AJ	Not Ok
9	PB170221BL	PB170221BL	PS032138.D	23 Oct 2025 12:33		AR\AJ	Ok,M
10	PB170221BS	PB170221BS	PS032139.D	23 Oct 2025 12:58		AR\AJ	Ok,M
11	Q3412-01	TP-6	PS032140.D	23 Oct 2025 13:22		AR\AJ	Ok,M
12	Q3412-01MS	TP-6MS	PS032141.D	23 Oct 2025 13:47	recovery fail for some compounds, comp # 1 & 14 having F flag in 1st column	AR\AJ	Not Ok
13	Q3412-01MSD	TP-6MSD	PS032142.D	23 Oct 2025 14:11	recovery fail for some compounds, comp # 1 & 14 having F flag in 1st column	AR\AJ	Not Ok
14	I.BLK	I.BLK	PS032143.D	23 Oct 2025 14:36		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS032144.D	23 Oct 2025 15:00		AR\AJ	Ok,M
16	Q3399-02MS	COMP-ROLLOFFMS	PS032145.D	23 Oct 2025 15:25	recovery fail for some compounds	AR\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PS102325	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q3399-02MSD	COMP-ROLLOFFMSD	PS032146.D	23 Oct 2025 15:49	recovery fail for some compounds	AR\AJ	Ok,M
18	I.BLK	I.BLK	PS032147.D	23 Oct 2025 16:49		AR\AJ	Ok
19	HSTDCCC750	HSTDCCC750	PS032148.D	23 Oct 2025 17:13		AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS102425

Review By	Abdul	Review On	10/27/2025 9:16:47 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:55 AM		
SubDirectory	PS102425	HP Acquire Method		HP Processing Method	ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS032149.D	24 Oct 2025 09:46		AR\AJ	Ok
2	I.BLK	I.BLK	PS032150.D	24 Oct 2025 10:10		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS032151.D	24 Oct 2025 10:34		AR\AJ	Ok,M
4	PB170172TB	PB170172TB	PS032152.D	24 Oct 2025 12:28		AR\AJ	Ok
5	I.BLK	I.BLK	PS032153.D	24 Oct 2025 14:04		AR\AJ	Ok
6	HSTDCCC750	HSTDCCC750	PS032154.D	24 Oct 2025 14:28		AR\AJ	Ok,M
7	Q3412-01MS	TP-6MS	PS032155.D	24 Oct 2025 15:50	F Flag in comp#1,3,14. some compound recovery fail	AR\AJ	ReRun
8	Q3412-01MSD	TP-6MSD	PS032156.D	24 Oct 2025 16:14	F Flag in comp#1,3,14. some compound recovery fail , RPD Fail	AR\AJ	ReRun
9	Q3412-01MSRE	TP-6MSRE	PS032157.D	24 Oct 2025 16:39	F Flag in comp#1,3,14. some compound recovery fail	AR\AJ	Confirms
10	Q3412-01MSDRE	TP-6MSDRE	PS032158.D	24 Oct 2025 17:04	F Flag in comp#1,3,14. some compound recovery fail , RPD Fail	AR\AJ	Confirms
11	I.BLK	I.BLK	PS032159.D	24 Oct 2025 17:28		AR\AJ	Ok
12	HSTDCCC750	HSTDCCC750	PS032160.D	24 Oct 2025 17:53		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40718710

Start Prep Date : 10/21/2025 **Time :** 14:00

End Prep Date : 10/22/2025 **Time :** 07:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 22 °C

Final Room Temperature: 21 °C

TCLP Technician Signature :

Supervisor By :

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	TCP Room	SHG. Ext / EXT
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB170172

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3406 **WorkList ID :** 192576 **Department :** TCLP Extraction **Date :** 10-21-2025 09:34:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3368-07	PRESS-SLUDGE	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3397-04	TP-7-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311
Q3399-02	COMP-ROLLOFF	Solid	TCLP Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311
Q3402-03	41-LA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-06	41-RA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-09	41-LB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-12	41-RB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3403-04	MH-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-02	MOO-25-0285-0288	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-06	MOO-25-0292	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3406-02	ARS20-0037	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3412-04	TP-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311

Date/Time 10/21/25 12:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/21/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170220

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 10:02

Extraction End Date : 10/22/2025

Extraction End Time : 17:00

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24929
Surrogate	1.0ML	5000 PPB	PP24999
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Ether	N/A	E3969
Acidified Na2SO4	N/A	EP2633
12N H2SO4	N/A	EP2653
NAOH 6N	N/A	EP2654
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2650
Hexane	N/A	E3978
NACL	N/A	M4459
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext lab)	R. Patel - PEB Lab
17:05	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170220

Analytical Method: M8151A-Herbicide-23

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170172TB	PB170172TB	TCLP Herbicide	100	6	Evelyn	RUPESH	10			SEP-1
PB170220BL	HBLK220	TCLP Herbicide	1000	6	Evelyn	RUPESH	10			2
PB170220BS	HLCS220	TCLP Herbicide	1000	6	Evelyn	RUPESH	10			3
Q3399-02	COMP-ROLLOFF	TCLP Herbicide	100	6	Evelyn	RUPESH	10	A		4
Q3399-02MS	COMP-ROLLOFFMS	TCLP Herbicide	100	6	Evelyn	RUPESH	10	A		5
Q3399-02MSD	COMP-ROLLOFFMSD	TCLP Herbicide	100	6	Evelyn	RUPESH	10	A		6

RS
10/22

* **Extracts relinquished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

10/22/25
09:30

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

SAMPLE DATA

Raw Data: **FF016596.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.04 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	1310	J	1	188	926	1850	ug/kg	10/22/25 14:43	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.5			37 - 130		52%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance Client: ICE Service Group, Inc.

Lab Code: ACE SDG No.: Q3399

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016591.D	72				0
PIBLK-FF016599.D	74				0
PB170209BL	57				0
PB170209BS	77				0
COMP-ROLLOFF	52				0
COMP-ROLLOFFMS	52				0
COMP-ROLLOFFMSD	54				0

	QC LIMITS
TETRACOSANE-d50	For Water : 29-130 For Soil : 37-130

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : COMP-ROLLOFFMS **Datafile:** FF016597.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7401	1310	6573	71%		68-131

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SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : COMP-ROLLOFFMSD **Datafile:** FF016598.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7398	1310	6818	74%		68-131

MS/MSD % Recovery RPD : 4.7

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SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : PB170209BS **Datafile:** FF016595.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6660	0	5070	76	68-131

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170209BL

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: FF016594.D Lab Sample ID: PB170209BL

Instrument ID: FF Date Extracted: 10/22/2025

Matrix: (soil/water) Soil Date Analyzed: 10/22/25

Level: (low/med) low Time Analyzed: 13:33

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170209BS	PB170209BS	FF016595.D	10/22/25
COMP-ROLLOFF	Q3399-01	FF016596.D	10/22/25
COMP-ROLLOFFMS	Q3399-01MS	FF016597.D	10/22/25
COMP-ROLLOFFMSD	Q3399-01MSD	FF016598.D	10/22/25

COMMENTS:

QC SAMPLE DATA

Raw Data: **FF016594.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170209BL	SDG No.:	Q3399
Lab Sample ID:	PB170209BL	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	833	U	1	169	833	1670	ug/kg	10/22/25 13:33	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	11.4			37 - 130		57%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-FF016591.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-FF016591.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	25.0	U	1	6.00	25.0	50.0	ug/L	10/22/25	FF102225
SURROGATES										
16416-32-3	Tetracosane-d50	14.3			29 - 130		72%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-FF016599.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-FF016599.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	25.0	U	1	6.00	25.0	50.0	ug/L	10/22/25	FF102225
SURROGATES										
16416-32-3	Tetracosane-d50	14.8			29 - 130		74%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **FF016595.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170209BS	SDG No.:	Q3399
Lab Sample ID:	PB170209BS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	5070		1	169	833	1670	ug/kg	10/22/25 14:03	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	15.3			37 - 130		77%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **FF016597.D**

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	6570		1	188	925	1850	ug/kg	10/22/25 15:13	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.4			37 - 130		52%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **FF016598.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.07 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	6820		1	188	925	1850	ug/kg	10/22/25 15:42	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.8			37 - 130		54%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpage, NY

Lab Code: ACE SDG No.: Q3399

Calibration Sequence : FF100225		Test : Diesel Range Organics	
Concentration (PPM)	**Area Count**	**Reference Factor**	**File ID**
1000	112385153	112385	FF016509.D
500	63771192	127542	FF016510.D
200	27823338	139117	FF016511.D
100	13388592	133886	FF016512.D
50	6367675	127354	FF016513.D
AVG RF : 128057	**% RSD : 7.835**		**AVG RT : 15.0682**

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DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FF016592.D Analyst Name: YP\AJ Analyst Date: 10-22-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	64931765	129864	128057	1.411

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DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FF016600.D Analyst Name: YP\AJ Analyst Date: 10-22-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	64210589	128421	128057	0.284

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **Instrument ID:** FID_F

GC Column: RXI-1MS **ID:** 0.18 **(mm)**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION **15.0682**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	I.BLK01	22 Oct 2025 11:30	FF016591.D	15.063	
50 PPM TRPH STD	50 PPM TRPH STD	22 Oct 2025 12:00	FF016592.D	15.066	
PB170209BL	PB170209BL	22 Oct 2025 13:33	FF016594.D	15.062	
PB170209BS	PB170209BS	22 Oct 2025 14:03	FF016595.D	15.062	
COMP-ROLLOFF	Q3399-01	22 Oct 2025 14:43	FF016596.D	15.008	
COMP-ROLLOFFMS	Q3399-01MS	22 Oct 2025 15:13	FF016597.D	15.062	
COMP-ROLLOFFMSD	Q3399-01MSD	22 Oct 2025 15:42	FF016598.D	15.061	
PIBLK02	I.BLK02	22 Oct 2025 16:12	FF016599.D	15.062	
50 PPM TRPH STD	50 PPM TRPH STD	22 Oct 2025 16:41	FF016600.D	15.064	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	14.9682	15.1682

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016596.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:43
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFF

Integration File: autoint1.e
Quant Time: Oct 22 14:53:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.062	1231356	10.470 ug/ml
Target Compounds			

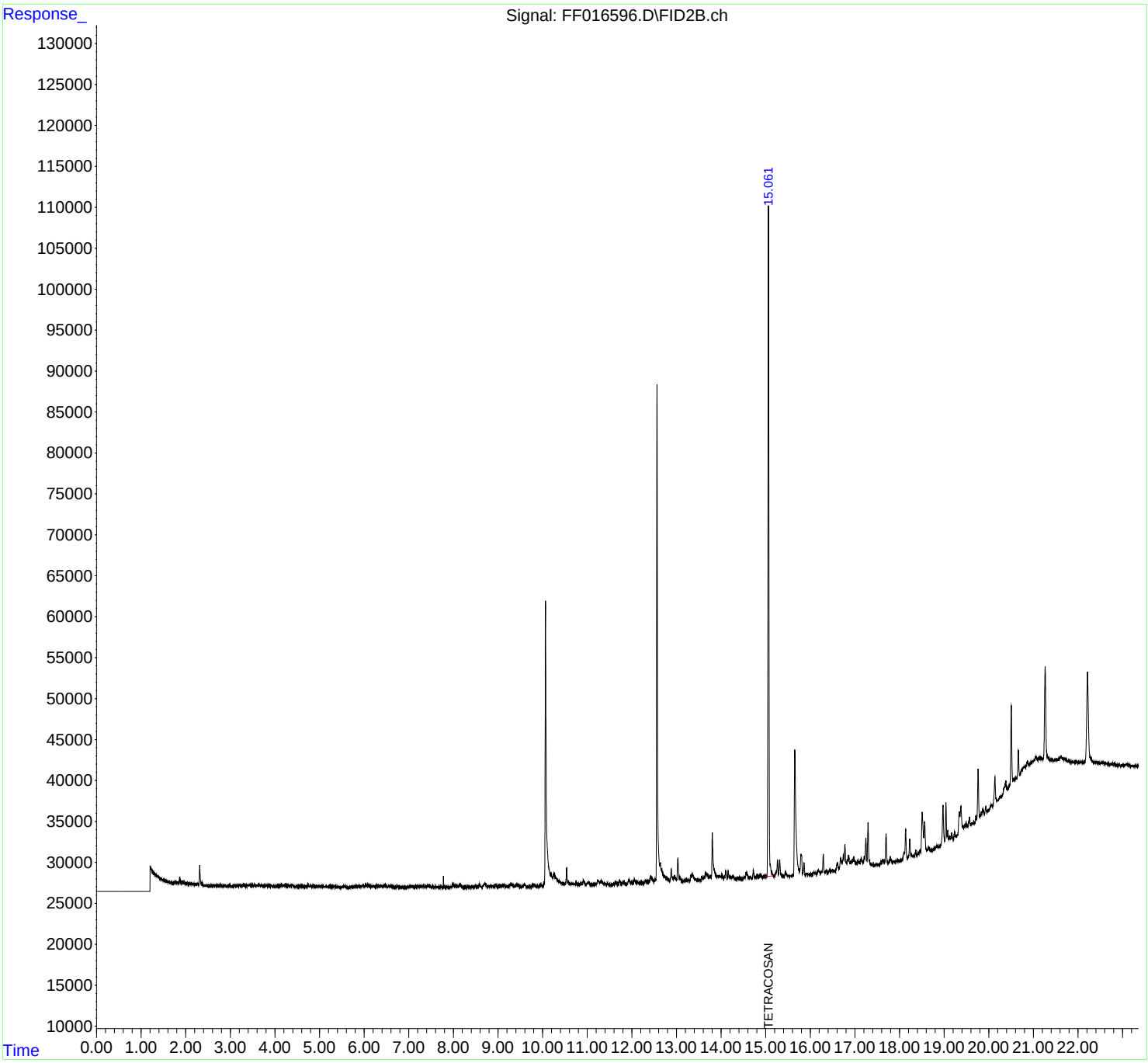
(f)=RT Delta > 1/2 Window (m)=manual int.

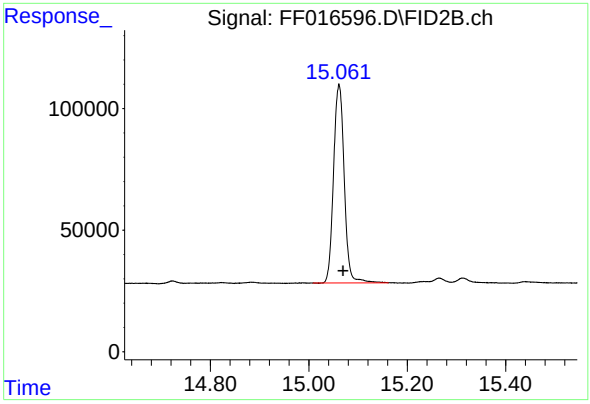
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016596.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:43
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFF

Integration File: autoint1.e
Quant Time: Oct 22 14:53:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.:	15.062 min
Delta R.T.:	-0.008 min
Response:	1231356
Conc:	10.47 ug/ml

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFF

A B C D E F G H I J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016596.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:43
Sample : Q3399-01
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.439	4.418	4.450	BV	97	807	0.06%	0.014%
2	4.476	4.450	4.485	PV	146	1721	0.14%	0.030%
3	4.512	4.485	4.516	VV	155	1906	0.15%	0.033%
4	4.521	4.516	4.533	VV	135	987	0.08%	0.017%
5	4.572	4.533	4.603	VV	259	5616	0.45%	0.098%
6	4.607	4.603	4.612	VV	115	515	0.04%	0.009%
7	4.648	4.612	4.657	VV	159	2739	0.22%	0.048%
8	4.659	4.657	4.682	VV	124	1175	0.09%	0.020%
9	4.694	4.682	4.699	VV	144	1126	0.09%	0.020%
10	4.704	4.699	4.712	VV	129	754	0.06%	0.013%
11	4.737	4.712	4.772	VV	520	7851	0.63%	0.136%
12	4.785	4.772	4.806	VV	212	2762	0.22%	0.048%
13	4.814	4.806	4.820	VV	193	1181	0.09%	0.021%
14	4.827	4.820	4.835	VV	128	924	0.07%	0.016%
15	4.854	4.835	4.861	VV	205	1896	0.15%	0.033%
16	4.864	4.861	4.870	VV	127	742	0.06%	0.013%
17	4.887	4.870	4.895	VV	154	1868	0.15%	0.032%
18	4.902	4.895	4.905	VV	156	856	0.07%	0.015%
19	4.911	4.905	4.918	VV	170	1098	0.09%	0.019%
20	4.922	4.918	4.928	VV	170	794	0.06%	0.014%
21	4.941	4.928	4.947	VV	163	1427	0.11%	0.025%
22	4.950	4.947	4.959	VV	171	1036	0.08%	0.018%
23	4.971	4.959	4.977	VV	210	1741	0.14%	0.030%
24	4.981	4.977	4.997	VV	178	1610	0.13%	0.028%
25	5.002	4.997	5.008	VV	120	881	0.07%	0.015%
26	5.022	5.008	5.032	VV	211	2096	0.17%	0.036%
27	5.047	5.032	5.053	VV	221	1890	0.15%	0.033%
28	5.066	5.053	5.074	VV	247	2002	0.16%	0.035%
29	5.086	5.074	5.095	VV	195	1827	0.15%	0.032%
30	5.110	5.095	5.138	VV	191	3398	0.27%	0.059%
31	5.142	5.138	5.163	VV	178	1970	0.16%	0.034%
32	5.167	5.163	5.173	VV	132	570	0.05%	0.010%
33	5.180	5.173	5.209	VV	128	2030	0.16%	0.035%
34	5.232	5.209	5.253	VV	354	5065	0.40%	0.088%
35	5.262	5.253	5.267	VV	161	972	0.08%	0.017%
36	5.273	5.267	5.290	PV	129	1263	0.10%	0.022%

rteres

37	5.301	5.290	5.308	VV	150	1114	0.09%	0.019%
38	5.316	5.308	5.323	VV	154	824	0.07%	0.014%
39	5.333	5.323	5.353	VV	147	1957	0.16%	0.034%
40	5.359	5.353	5.375	VV	165	1640	0.13%	0.029%
41	5.377	5.375	5.395	VV	174	1500	0.12%	0.026%
42	5.402	5.395	5.440	VV	152	2781	0.22%	0.048%
43	5.450	5.440	5.456	VV	120	872	0.07%	0.015%
44	5.461	5.456	5.465	VV	114	444	0.04%	0.008%
45	5.474	5.465	5.484	VV	126	1056	0.08%	0.018%
46	5.491	5.484	5.498	VV	125	765	0.06%	0.013%
47	5.503	5.498	5.508	VV	113	479	0.04%	0.008%
48	5.531	5.508	5.538	VV	245	2764	0.22%	0.048%
49	5.551	5.538	5.561	VV	239	2284	0.18%	0.040%
50	5.566	5.561	5.580	VV	192	1544	0.12%	0.027%
51	5.584	5.580	5.590	VV	129	679	0.05%	0.012%
52	5.594	5.590	5.602	VV	143	820	0.07%	0.014%
53	5.606	5.602	5.612	VV	165	786	0.06%	0.014%
54	5.620	5.612	5.644	VV	153	1828	0.15%	0.032%
55	5.650	5.644	5.675	VV	126	1423	0.11%	0.025%
56	5.678	5.675	5.686	VV	112	495	0.04%	0.009%
57	5.691	5.686	5.695	VV	97	447	0.04%	0.008%
58	5.702	5.695	5.707	VV	143	704	0.06%	0.012%
59	5.716	5.707	5.727	VV	139	1259	0.10%	0.022%
60	5.729	5.727	5.741	VV	193	1111	0.09%	0.019%
61	5.743	5.741	5.749	VV	140	611	0.05%	0.011%
62	5.753	5.749	5.767	VV	164	1258	0.10%	0.022%
63	5.772	5.767	5.777	VV	179	755	0.06%	0.013%
64	5.785	5.777	5.799	VV	177	1897	0.15%	0.033%
65	5.813	5.799	5.823	VV	182	1741	0.14%	0.030%
66	5.836	5.823	5.842	VV	221	1611	0.13%	0.028%
67	5.848	5.842	5.856	VV	196	1319	0.11%	0.023%
68	5.865	5.856	5.877	VV	203	1933	0.15%	0.034%
69	5.879	5.877	5.895	VV	238	1768	0.14%	0.031%
70	5.905	5.895	5.925	VV	256	3301	0.26%	0.057%
71	5.935	5.925	5.943	VV	232	1870	0.15%	0.032%
72	5.946	5.943	5.954	VV	199	1211	0.10%	0.021%
73	5.966	5.954	5.977	VV	309	3514	0.28%	0.061%
74	5.979	5.977	5.993	VV	293	2386	0.19%	0.041%
75	5.995	5.993	6.000	VV	251	803	0.06%	0.014%
76	6.007	6.000	6.017	VV	230	2129	0.17%	0.037%
77	6.021	6.017	6.025	VV	257	1200	0.10%	0.021%
78	6.037	6.025	6.066	VV	439	7364	0.59%	0.128%
79	6.089	6.066	6.138	VV	432	11554	0.92%	0.201%
80	6.145	6.138	6.166	VV	248	2521	0.20%	0.044%
81	6.193	6.166	6.200	VV	235	3150	0.25%	0.055%
82	6.235	6.200	6.268	VV	218	5823	0.46%	0.101%
83	6.281	6.268	6.299	VV	358	4246	0.34%	0.074%
84	6.323	6.299	6.330	VV	246	3264	0.26%	0.057%
85	6.372	6.330	6.387	VV	307	6868	0.55%	0.119%
86	6.393	6.387	6.405	VV	220	1813	0.14%	0.032%
87	6.409	6.405	6.426	VV	186	1891	0.15%	0.033%
88	6.440	6.426	6.453	VV	288	3903	0.31%	0.068%
89	6.465	6.453	6.499	VV	450	7270	0.58%	0.126%

rteres

90	6.541	6.499	6.580	VV	236	8318	0.66%	0.145%
91	6.593	6.580	6.597	VV	253	1830	0.15%	0.032%
92	6.605	6.597	6.615	VV	211	2153	0.17%	0.037%
93	6.631	6.615	6.672	VV	254	5171	0.41%	0.090%
94	6.682	6.672	6.688	VV	135	940	0.07%	0.016%
95	6.747	6.688	6.791	VV	180	7625	0.61%	0.133%
96	6.797	6.791	6.829	VV	129	1908	0.15%	0.033%
97	6.834	6.829	6.847	VV	74	739	0.06%	0.013%
98	6.852	6.847	6.889	VV	139	1894	0.15%	0.033%
99	6.898	6.889	6.907	VV	105	784	0.06%	0.014%
100	6.926	6.907	6.942	VV	106	1550	0.12%	0.027%
101	6.950	6.942	6.957	VV	125	809	0.06%	0.014%
102	6.997	6.957	7.017	VV	178	4051	0.32%	0.070%
103	7.028	7.017	7.036	VV	229	2206	0.18%	0.038%
104	7.039	7.036	7.062	VV	219	2391	0.19%	0.042%
105	7.067	7.062	7.081	VV	183	1671	0.13%	0.029%
106	7.086	7.081	7.124	VV	183	3526	0.28%	0.061%
107	7.148	7.124	7.162	VV	183	3861	0.31%	0.067%
108	7.164	7.162	7.194	VV	220	3024	0.24%	0.053%
109	7.207	7.194	7.242	VV	224	5086	0.40%	0.088%
110	7.249	7.242	7.255	VV	206	1465	0.12%	0.025%
111	7.257	7.255	7.264	VV	242	954	0.08%	0.017%
112	7.280	7.264	7.319	VV	236	5954	0.47%	0.103%
113	7.324	7.319	7.328	VV	249	1049	0.08%	0.018%
114	7.331	7.328	7.352	VV	196	2694	0.21%	0.047%
115	7.358	7.352	7.376	VV	243	2402	0.19%	0.042%
116	7.381	7.376	7.391	VV	225	1490	0.12%	0.026%
117	7.397	7.391	7.404	VV	213	1368	0.11%	0.024%
118	7.436	7.404	7.454	VV	289	6093	0.49%	0.106%
119	7.467	7.454	7.520	VV	289	7220	0.57%	0.125%
120	7.537	7.520	7.550	VV	217	2744	0.22%	0.048%
121	7.557	7.550	7.572	VV	147	1332	0.11%	0.023%
122	7.591	7.572	7.595	VV	161	1720	0.14%	0.030%
123	7.601	7.595	7.630	VV	210	2300	0.18%	0.040%
124	7.641	7.630	7.664	VV	162	2393	0.19%	0.042%
125	7.667	7.664	7.680	VV	126	963	0.08%	0.017%
126	7.684	7.680	7.690	VV	131	634	0.05%	0.011%
127	7.695	7.690	7.699	VV	118	572	0.05%	0.010%
128	7.706	7.699	7.719	VV	151	1197	0.10%	0.021%
129	7.725	7.719	7.734	VV	121	599	0.05%	0.010%
130	7.738	7.734	7.743	VV	106	354	0.03%	0.006%
131	7.748	7.743	7.753	VV	100	369	0.03%	0.006%
132	7.759	7.753	7.765	VV	157	551	0.04%	0.010%
133	7.777	7.765	7.809	VV	1008	3214	0.26%	0.056%
134	7.830	7.809	7.848	PV	113	1803	0.14%	0.031%
135	7.865	7.848	7.900	VB	88	1406	0.11%	0.024%
136	7.918	7.902	7.959	BV	81	1510	0.12%	0.026%
137	7.988	7.959	8.026	VV	447	9266	0.74%	0.161%
138	8.035	8.026	8.044	VV	213	1678	0.13%	0.029%
139	8.057	8.044	8.104	VV	196	5407	0.43%	0.094%
140	8.129	8.104	8.145	VV	280	4970	0.40%	0.086%
141	8.157	8.145	8.197	VV	459	6261	0.50%	0.109%

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142	8.202	8.197	8.212	VV	52	121	0.01%	0.002%
143	8.216	8.212	8.220	PV	34	63	0.01%	0.001%
144	8.226	8.220	8.229	VV	61	152	0.01%	0.003%
145	8.234	8.229	8.282	VV	98	1541	0.12%	0.027%
146	8.285	8.282	8.297	VV	121	432	0.03%	0.008%
147	8.324	8.297	8.370	VV	160	3097	0.25%	0.054%
148	8.404	8.370	8.452	VV	133	2971	0.24%	0.052%
149	8.527	8.452	8.549	PV	195	5988	0.48%	0.104%
150	8.587	8.549	8.639	VV	523	10357	0.82%	0.180%
151	8.705	8.639	8.752	VV	500	18758	1.49%	0.326%
152	8.762	8.752	8.772	VV	141	1525	0.12%	0.027%
153	8.779	8.772	8.815	VV	205	3306	0.26%	0.057%
154	8.825	8.815	8.874	VV	170	3940	0.31%	0.068%
155	8.916	8.874	8.928	VV	262	5659	0.45%	0.098%
156	8.948	8.928	8.977	VV	366	5839	0.46%	0.101%
157	9.017	8.977	9.057	VV	243	7177	0.57%	0.125%
158	9.085	9.057	9.100	VV	306	5674	0.45%	0.099%
159	9.125	9.100	9.162	VV	409	9090	0.72%	0.158%
160	9.179	9.162	9.195	VV	172	2578	0.21%	0.045%
161	9.209	9.195	9.234	VV	161	2934	0.23%	0.051%
162	9.276	9.234	9.375	VV	421	21206	1.69%	0.369%
163	9.380	9.375	9.390	VV	143	1106	0.09%	0.019%
164	9.414	9.390	9.432	VV	480	7328	0.58%	0.127%
165	9.452	9.432	9.487	VV	450	8713	0.69%	0.151%
166	9.500	9.487	9.512	VV	103	1235	0.10%	0.021%
167	9.528	9.512	9.555	VV	137	2089	0.17%	0.036%
168	9.593	9.555	9.691	VV	472	15158	1.21%	0.263%
169	9.703	9.691	9.742	PV	75	2129	0.17%	0.037%
170	9.798	9.742	9.862	VV	373	13691	1.09%	0.238%
171	9.876	9.862	9.906	VV	181	3578	0.28%	0.062%
172	9.946	9.906	10.006	VV	216	8084	0.64%	0.141%
173	10.029	10.006	10.039	VV	608	6762	0.54%	0.118%
174	10.064	10.039	10.177	VV	34860	630496	50.20%	10.958%
175	10.192	10.177	10.227	VV	1751	40420	3.22%	0.703%
176	10.249	10.227	10.340	VV	1638	79086	6.30%	1.375%
177	10.345	10.340	10.449	VV	761	35032	2.79%	0.609%
178	10.460	10.449	10.510	VV	406	11880	0.95%	0.206%
179	10.538	10.510	10.608	VV	2223	45430	3.62%	0.790%
180	10.617	10.608	10.640	VV	414	5945	0.47%	0.103%
181	10.647	10.640	10.657	VV	282	2730	0.22%	0.047%
182	10.674	10.657	10.704	VV	332	7338	0.58%	0.128%
183	10.722	10.704	10.740	VV	320	5308	0.42%	0.092%
184	10.755	10.740	10.790	VV	491	9004	0.72%	0.156%
185	10.823	10.790	10.840	VV	284	5851	0.47%	0.102%
186	10.861	10.840	10.879	VV	346	5892	0.47%	0.102%
187	10.916	10.879	10.968	VV	686	21175	1.69%	0.368%
188	11.011	10.968	11.024	VV	370	9378	0.75%	0.163%
189	11.037	11.024	11.101	VV	479	12271	0.98%	0.213%
190	11.124	11.101	11.142	VV	164	2960	0.24%	0.051%
191	11.155	11.142	11.185	VV	196	3149	0.25%	0.055%
192	11.232	11.185	11.297	VV	610	24979	1.99%	0.434%
193	11.314	11.297	11.344	VV	661	12440	0.99%	0.216%
194	11.354	11.344	11.382	VV	302	5419	0.43%	0.094%

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195	11.386	11.382	11.430	VV	256	4974	0.40%	0.086%
196	11.459	11.430	11.492	VV	234	5276	0.42%	0.092%
197	11.498	11.492	11.522	VV	111	1260	0.10%	0.022%
198	11.528	11.522	11.539	VV	54	547	0.04%	0.010%
199	11.571	11.539	11.599	VV	222	4140	0.33%	0.072%
200	11.643	11.599	11.679	VV	430	10035	0.80%	0.174%
201	11.724	11.679	11.772	VV	523	13372	1.06%	0.232%
202	11.802	11.772	11.822	VV	393	7303	0.58%	0.127%
203	11.837	11.822	11.863	VV	326	4060	0.32%	0.071%
204	11.880	11.863	11.899	PV	136	1343	0.11%	0.023%
205	11.928	11.899	11.985	VV	658	18738	1.49%	0.326%
206	11.993	11.985	12.019	VV	338	4209	0.34%	0.073%
207	12.057	12.019	12.109	VV	739	19020	1.51%	0.331%
208	12.127	12.109	12.175	VV	425	8461	0.67%	0.147%
209	12.199	12.175	12.270	VV	233	8632	0.69%	0.150%
210	12.309	12.270	12.333	VV	429	9892	0.79%	0.172%
211	12.352	12.333	12.385	VV	322	7724	0.61%	0.134%
212	12.420	12.385	12.499	VV	979	37361	2.97%	0.649%
213	12.522	12.499	12.539	VV	606	10918	0.87%	0.190%
214	12.564	12.539	12.626	VV	60843	816291	64.99%	14.187%
215	12.640	12.626	12.727	VV	2514	92068	7.33%	1.600%
216	12.735	12.727	12.770	VV	860	18384	1.46%	0.320%
217	12.780	12.770	12.825	VV	668	17171	1.37%	0.298%
218	12.831	12.825	12.853	VV	474	5794	0.46%	0.101%
219	12.884	12.853	12.923	VV	1706	34881	2.78%	0.606%
220	12.951	12.923	13.003	VV	841	24788	1.97%	0.431%
221	13.032	13.003	13.061	VV	2989	51376	4.09%	0.893%
222	13.079	13.061	13.131	VV	633	15248	1.21%	0.265%
223	13.161	13.131	13.175	VV	231	4404	0.35%	0.077%
224	13.218	13.175	13.271	VV	387	13406	1.07%	0.233%
225	13.295	13.271	13.303	VV	258	3642	0.29%	0.063%
226	13.325	13.303	13.345	VV	796	13920	1.11%	0.242%
227	13.366	13.345	13.432	VV	942	28212	2.25%	0.490%
228	13.439	13.432	13.503	VV	302	8822	0.70%	0.153%
229	13.516	13.503	13.552	VV	229	3776	0.30%	0.066%
230	13.570	13.552	13.595	VV	628	10240	0.82%	0.178%
231	13.655	13.595	13.684	VV	1042	34760	2.77%	0.604%
232	13.692	13.684	13.730	VV	777	16918	1.35%	0.294%
233	13.748	13.730	13.772	VV	596	12691	1.01%	0.221%
234	13.804	13.772	13.942	VV	5856	145891	11.62%	2.536%
235	13.964	13.942	14.002	VV	545	17331	1.38%	0.301%
236	14.022	14.002	14.050	VV	710	14448	1.15%	0.251%
237	14.108	14.050	14.135	VV	1199	27666	2.20%	0.481%
238	14.158	14.135	14.230	VV	1085	27700	2.21%	0.481%
239	14.241	14.230	14.249	VV	298	3048	0.24%	0.053%
240	14.274	14.249	14.323	VV	469	11677	0.93%	0.203%
241	14.333	14.323	14.345	VV	112	1080	0.09%	0.019%
242	14.395	14.345	14.449	VV	291	10473	0.83%	0.182%
243	14.457	14.449	14.479	VV	84	1492	0.12%	0.026%
244	14.524	14.479	14.535	VV	318	6306	0.50%	0.110%
245	14.562	14.535	14.622	VV	851	25464	2.03%	0.443%
246	14.649	14.622	14.697	VV	242	7820	0.62%	0.136%

rteres

247	14.723	14.697	14.750	PV	1137	16392	1.31%	0.285%
248	14.789	14.750	14.797	VV	292	6822	0.54%	0.119%
249	14.823	14.797	14.849	VV	470	9020	0.72%	0.157%
250	14.884	14.849	14.955	VV	551	16919	1.35%	0.294%
251	14.989	14.955	15.000	VV	252	5202	0.41%	0.090%
252	15.008	15.000	15.020	VV	233	2335	0.19%	0.041%
253	15.061	15.020	15.204	VV	81945	1256025	100.00%	21.830%
254	15.265	15.204	15.290	VV	2168	47583	3.79%	0.827%
255	15.313	15.290	15.391	VV	2112	43274	3.45%	0.752%
256	15.403	15.391	15.415	VV	112	1090	0.09%	0.019%
257	15.439	15.415	15.500	PV	613	15588	1.24%	0.271%
258	15.505	15.500	15.542	VV	91	2143	0.17%	0.037%
259	15.607	15.542	15.617	PV	156	4447	0.35%	0.077%
260	15.653	15.617	15.760	VV	15330	395923	31.52%	6.881%
261	15.792	15.760	15.831	VV	2689	65517	5.22%	1.139%
262	15.858	15.831	15.892	VV	1605	24573	1.96%	0.427%
263	15.923	15.892	15.943	VV	303	5704	0.45%	0.099%
264	15.960	15.943	15.968	VV	150	2126	0.17%	0.037%
265	15.978	15.968	16.009	VV	172	2069	0.16%	0.036%
266	16.079	16.009	16.100	PV	319	9807	0.78%	0.170%
267	16.109	16.100	16.139	VV	294	3332	0.27%	0.058%
268	16.183	16.139	16.225	VV	540	15011	1.20%	0.261%
269	16.253	16.225	16.267	VV	300	5168	0.41%	0.090%
270	16.291	16.267	16.337	VV	2389	35662	2.84%	0.620%
271	16.357	16.337	16.400	VV	379	6609	0.53%	0.115%
272	16.431	16.400	16.465	PV	424	8663	0.69%	0.151%
273	16.510	16.465	16.565	VV	324	11607	0.92%	0.202%
274	16.604	16.565	16.647	VV	1147	30337	2.42%	0.527%
275	16.683	16.647	16.702	VV	1546	34906	2.78%	0.607%
276	16.741	16.702	16.757	VV	1913	44370	3.53%	0.771%
277	16.777	16.757	16.822	VV	3131	62817	5.00%	1.092%
278	16.857	16.822	16.888	VV	1713	47934	3.82%	0.833%
279	16.897	16.888	16.909	VV	823	9692	0.77%	0.168%
280	16.951	16.909	16.960	VV	1128	29164	2.32%	0.507%
281	16.977	16.960	17.045	VV	1337	44858	3.57%	0.780%
282	17.066	17.045	17.112	VV	992	28783	2.29%	0.500%
283	17.142	17.112	17.186	VV	1128	35547	2.83%	0.618%
284	17.211	17.186	17.224	VV	1308	22183	1.77%	0.386%
285	17.245	17.224	17.270	VV	3474	58179	4.63%	1.011%
286	17.294	17.270	17.360	VV	5334	91495	7.28%	1.590%
287	17.374	17.360	17.400	VBA	234	4862	0.39%	0.085%
			Sum of corrected areas:			5753770		

FF100225.M Thu Oct 23 01:29:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016594.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 13:33
Operator : YP\AJ
Sample : PB170209BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BL

Integration File: autoint1.e
Quant Time: Oct 22 13:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.062	1339249	11.387 ug/ml
Target Compounds			

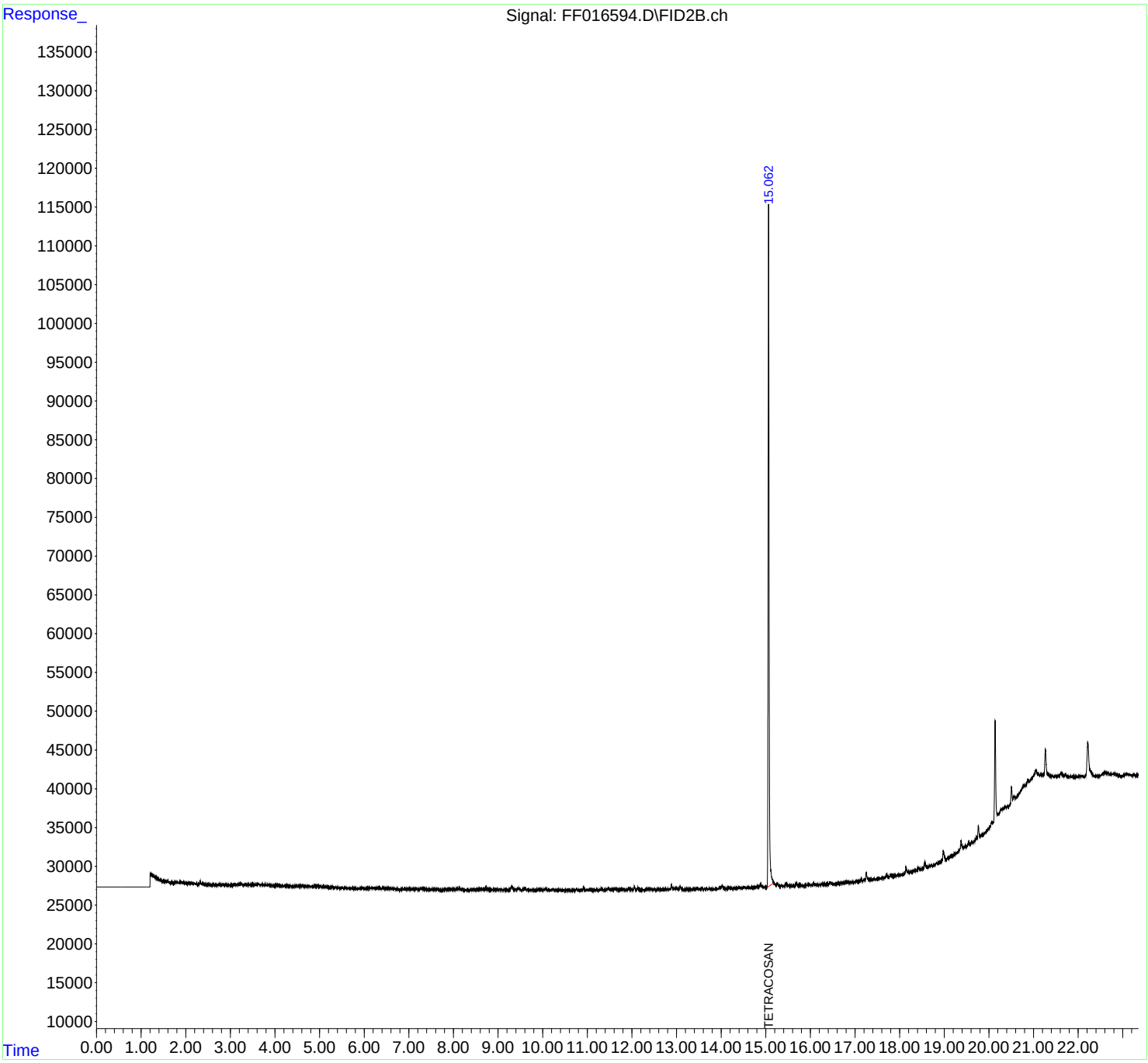
(f)=RT Delta > 1/2 Window (m)=manual int.

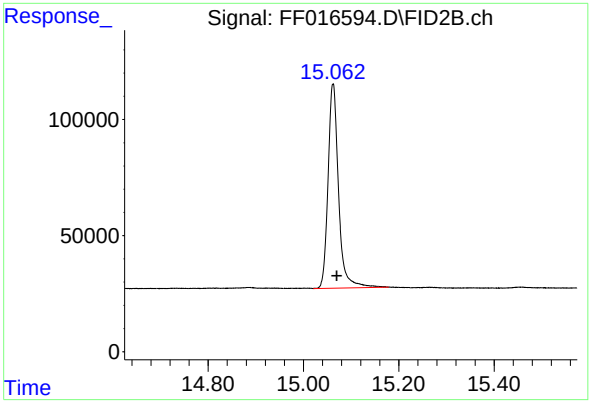
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016594.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 13:33
Operator : YP\AJ
Sample : PB170209BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BL

Integration File: autoint1.e
Quant Time: Oct 22 13:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.:	15.062 min
Delta R.T.:	-0.008 min
Response:	1339249
Conc:	11.39 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170209BL

A B C D E F G H I J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016594.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 13:33
Sample : PB170209BL
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	15.062	15.020	15.179	BB	87944	1339249	100.00%	100.000%
			Sum of corrected areas:			1339249		

FF100225.M Thu Oct 23 01:27:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016595.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:03
Operator : YP\AJ
Sample : PB170209BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BS

Integration File: autoint1.e
Quant Time: Oct 22 14:17:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S TETRACOSANE-d50 (SURR...	15.062	1802324	15.324 ug/ml
	Target Compounds			
2)	N-DECANE	4.576	1853794	15.420 ug/ml
3)	N-DODECANE	6.755	1898671	15.577 ug/ml
4)	N-TETRADECANE	8.588	1943510	15.790 ug/ml
5)	N-HEXADECANE	10.198	1971445	15.753 ug/ml
6)	N-OCTADECANE	11.644	2019550	15.542 ug/ml
7)	N-EICOSANE	12.957	2064634	15.483 ug/ml
8)	N-DOCOSANE	14.159	1991408	15.193 ug/ml
10)	N-TETRACOSANE	15.266	1964868	14.834 ug/ml
11)	N-HEXACOSANE	16.291	1897658	14.369 ug/ml
12)	N-OCTACOSANE	17.245	1889610	14.388 ug/ml

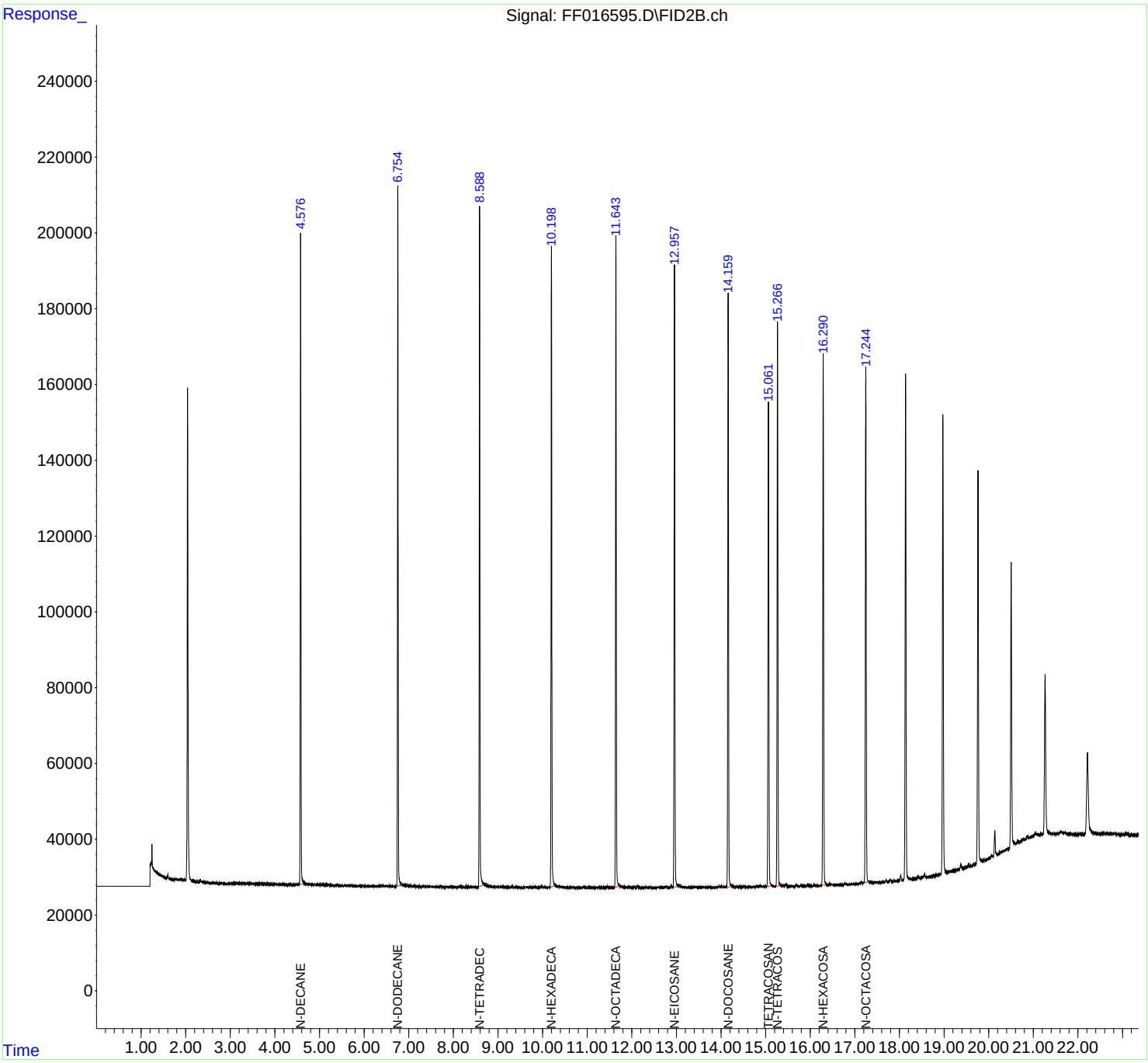
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016595.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:03
Operator : YP\AJ
Sample : PB170209BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170209BS

Integration File: autoint1.e
Quant Time: Oct 22 14:17:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016595.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 14:03
Sample : PB170209BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.576	4.542	4.664	BB	171723	1853794	89.79%	8.704%
2	6.755	6.721	6.842	BB	184618	1898671	91.96%	8.915%
3	8.588	8.549	8.691	BB	178742	1943510	94.13%	9.126%
4	10.198	10.164	10.286	BB	168712	1971445	95.49%	9.257%
5	11.644	11.604	11.729	BB	171557	2019550	97.82%	9.483%
6	12.957	12.922	13.052	BB	163794	2064634	100.00%	9.694%
7	14.159	14.124	14.249	BB	156542	1991408	96.45%	9.350%
8	15.062	15.017	15.134	BB	127198	1802324	87.30%	8.463%
9	15.266	15.229	15.344	BB	148308	1964868	95.17%	9.226%
10	16.291	16.252	16.377	BB	140234	1897658	91.91%	8.910%
11	17.245	17.201	17.322	BB	135047	1889610	91.52%	8.872%
			Sum of corrected areas:			21297472		

FF100225.M Thu Oct 23 01:27:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016597.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:13
Operator : YP\AJ
Sample : Q3399-01MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMS

Integration File: autoint1.e
Quant Time: Oct 22 15:20:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S TETRACOSANE-d50 (SURR...	15.062	1217883	10.355 ug/ml
	Target Compounds			
2)	N-DECANE	4.576	1627447	13.537 ug/ml
3)	N-DODECANE	6.754	1715883	14.078 ug/ml
4)	N-TETRADECANE	8.587	1769814	14.379 ug/ml
5)	N-HEXADECANE	10.197	1851051	14.791 ug/ml
6)	N-OCTADECANE	11.643	1888261	14.531 ug/ml
7)	N-EICOSANE	12.956	1933172	14.498 ug/ml
8)	N-DOCOSANE	14.159	1874779	14.303 ug/ml
10)	N-TETRACOSANE	15.266	1824860	13.777 ug/ml
11)	N-HEXACOSANE	16.291	1787647	13.536 ug/ml
12)	N-OCTACOSANE	17.246	1792982	13.652 ug/ml

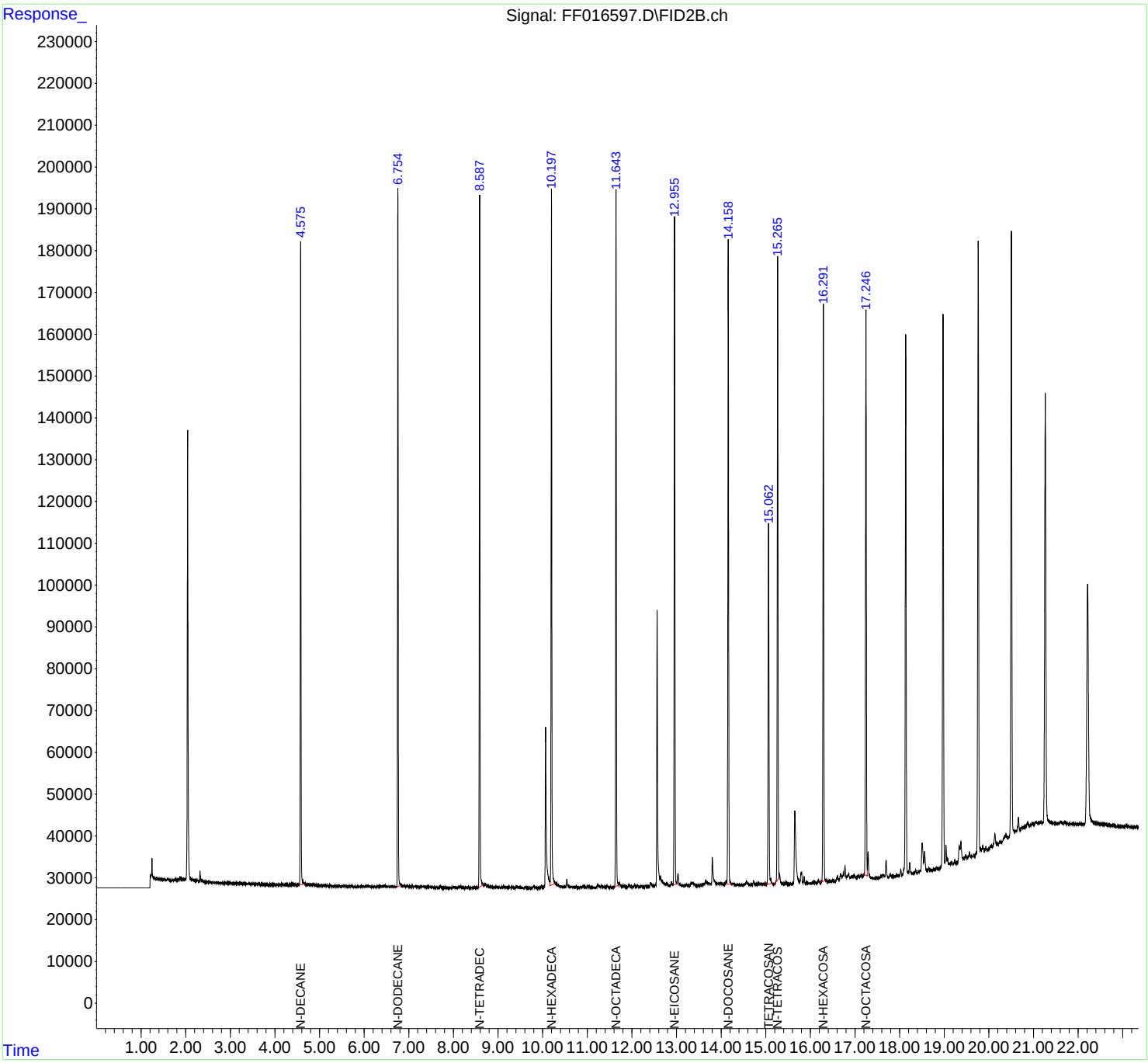
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016597.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:13
Operator : YP\AJ
Sample : Q3399-01MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMS

Integration File: autoint1.e
Quant Time: Oct 22 15:20:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016597.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:13
Sample : Q3399-01MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.414	4.400	4.420	BV	75	280	0.01%	0.001%
2	4.425	4.420	4.449	PV	114	1167	0.06%	0.005%
3	4.453	4.449	4.463	VV	123	645	0.03%	0.003%
4	4.466	4.463	4.477	VV	109	639	0.03%	0.003%
5	4.489	4.477	4.496	PV	119	626	0.03%	0.003%
6	4.519	4.496	4.541	PV	175	2758	0.14%	0.012%
7	4.576	4.541	4.679	VV	154005	1648529	84.04%	6.879%
8	4.683	4.679	4.689	VV	367	2027	0.10%	0.008%
9	4.693	4.689	4.728	VV	369	5885	0.30%	0.025%
10	4.746	4.728	4.771	VV	645	9382	0.48%	0.039%
11	4.774	4.771	4.784	VV	266	1703	0.09%	0.007%
12	4.793	4.784	4.803	VV	259	2211	0.11%	0.009%
13	4.815	4.803	4.849	VV	270	5321	0.27%	0.022%
14	4.866	4.849	4.877	VV	301	3610	0.18%	0.015%
15	4.882	4.877	4.921	VV	276	5377	0.27%	0.022%
16	4.925	4.921	4.939	VV	200	1796	0.09%	0.007%
17	4.941	4.939	4.951	VV	174	1109	0.06%	0.005%
18	4.955	4.951	4.960	VV	147	817	0.04%	0.003%
19	4.967	4.960	5.007	VV	204	4059	0.21%	0.017%
20	5.028	5.007	5.035	VV	229	2667	0.14%	0.011%
21	5.046	5.035	5.075	VV	209	3322	0.17%	0.014%
22	5.085	5.075	5.104	VV	187	2281	0.12%	0.010%
23	5.109	5.104	5.124	VV	135	1041	0.05%	0.004%
24	5.142	5.124	5.154	VV	214	2095	0.11%	0.009%
25	5.166	5.154	5.194	VV	169	2145	0.11%	0.009%
26	5.200	5.194	5.221	VV	161	1639	0.08%	0.007%
27	5.238	5.221	5.274	VV	307	4677	0.24%	0.020%
28	5.278	5.274	5.284	VV	104	336	0.02%	0.001%
29	5.288	5.284	5.296	VV	113	421	0.02%	0.002%
30	5.299	5.296	5.307	VV	96	341	0.02%	0.001%
31	5.312	5.307	5.330	PV	110	709	0.04%	0.003%
32	5.333	5.330	5.339	VV	87	282	0.01%	0.001%
33	5.344	5.339	5.375	VV	120	1564	0.08%	0.007%
34	5.385	5.375	5.391	VV	151	986	0.05%	0.004%
35	5.398	5.391	5.402	VV	165	798	0.04%	0.003%
36	5.410	5.402	5.419	VV	181	1358	0.07%	0.006%

rteres

37	5.423	5.419	5.431	VV	103	638	0.03%	0.003%
38	5.435	5.431	5.446	VV	150	705	0.04%	0.003%
39	5.453	5.446	5.473	VV	118	1194	0.06%	0.005%
40	5.477	5.473	5.490	VV	113	750	0.04%	0.003%
41	5.498	5.490	5.504	VV	88	464	0.02%	0.002%
42	5.507	5.504	5.512	VV	124	371	0.02%	0.002%
43	5.542	5.512	5.547	VV	234	3298	0.17%	0.014%
44	5.556	5.547	5.594	VV	265	4254	0.22%	0.018%
45	5.607	5.594	5.625	VV	168	1240	0.06%	0.005%
46	5.635	5.625	5.643	VV	122	832	0.04%	0.003%
47	5.648	5.643	5.678	VV	126	1554	0.08%	0.006%
48	5.720	5.678	5.738	VV	386	5294	0.27%	0.022%
49	5.742	5.738	5.747	VV	109	451	0.02%	0.002%
50	5.786	5.747	5.808	PV	148	2572	0.13%	0.011%
51	5.814	5.808	5.819	PV	84	301	0.02%	0.001%
52	5.826	5.819	5.831	VV	107	392	0.02%	0.002%
53	5.854	5.831	5.859	PV	126	1146	0.06%	0.005%
54	5.864	5.859	5.870	VV	143	695	0.04%	0.003%
55	5.877	5.870	5.885	VV	194	1007	0.05%	0.004%
56	5.889	5.885	5.904	VV	101	977	0.05%	0.004%
57	5.912	5.904	5.916	VV	106	658	0.03%	0.003%
58	5.920	5.916	5.933	VV	135	871	0.04%	0.004%
59	5.939	5.933	5.958	VV	122	1356	0.07%	0.006%
60	5.973	5.958	5.980	VV	198	1973	0.10%	0.008%
61	5.984	5.980	5.996	VV	207	1620	0.08%	0.007%
62	6.001	5.996	6.006	VV	138	650	0.03%	0.003%
63	6.012	6.006	6.017	VV	140	776	0.04%	0.003%
64	6.043	6.017	6.066	VV	312	5351	0.27%	0.022%
65	6.091	6.066	6.127	VV	372	7370	0.38%	0.031%
66	6.133	6.127	6.141	VV	167	1050	0.05%	0.004%
67	6.143	6.141	6.152	VV	137	581	0.03%	0.002%
68	6.166	6.152	6.173	VV	145	1145	0.06%	0.005%
69	6.178	6.173	6.195	VV	150	1295	0.07%	0.005%
70	6.200	6.195	6.214	VV	114	1061	0.05%	0.004%
71	6.217	6.214	6.260	VV	161	2832	0.14%	0.012%
72	6.266	6.260	6.270	VV	141	534	0.03%	0.002%
73	6.289	6.270	6.308	VV	240	3633	0.19%	0.015%
74	6.325	6.308	6.352	VV	196	4169	0.21%	0.017%
75	6.360	6.352	6.364	VV	179	1132	0.06%	0.005%
76	6.374	6.364	6.394	VV	238	3293	0.17%	0.014%
77	6.397	6.394	6.424	VV	246	2914	0.15%	0.012%
78	6.443	6.424	6.454	VV	326	4039	0.21%	0.017%
79	6.470	6.454	6.507	VV	426	7886	0.40%	0.033%
80	6.514	6.507	6.523	VV	195	1257	0.06%	0.005%
81	6.526	6.523	6.534	VV	179	963	0.05%	0.004%
82	6.548	6.534	6.559	VV	247	2782	0.14%	0.012%
83	6.562	6.559	6.579	VV	194	1838	0.09%	0.008%
84	6.597	6.579	6.633	VV	376	8054	0.41%	0.034%
85	6.638	6.633	6.674	VV	254	4425	0.23%	0.018%
86	6.684	6.674	6.697	VV	183	1646	0.08%	0.007%
87	6.701	6.697	6.714	VV	148	849	0.04%	0.004%
88	6.754	6.714	6.829	VV	167047	1736744	88.54%	7.247%
89	6.831	6.829	6.851	VV	630	6292	0.32%	0.026%

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90	6.855	6.851	6.871	VV	419	4829	0.25%	0.020%
91	6.876	6.871	6.893	VV	406	4616	0.24%	0.019%
92	6.901	6.893	6.914	VV	452	5034	0.26%	0.021%
93	6.919	6.914	6.940	VV	434	5234	0.27%	0.022%
94	6.950	6.940	6.958	VV	354	3092	0.16%	0.013%
95	6.972	6.958	6.979	VV	369	4112	0.21%	0.017%
96	6.984	6.979	7.003	VV	370	4028	0.21%	0.017%
97	7.019	7.003	7.039	VV	391	6906	0.35%	0.029%
98	7.043	7.039	7.052	VV	314	2016	0.10%	0.008%
99	7.057	7.052	7.095	VV	397	6361	0.32%	0.027%
100	7.102	7.095	7.109	VV	239	1581	0.08%	0.007%
101	7.112	7.109	7.116	VV	214	780	0.04%	0.003%
102	7.148	7.116	7.163	VV	310	6241	0.32%	0.026%
103	7.168	7.163	7.180	VV	264	1989	0.10%	0.008%
104	7.190	7.180	7.199	VV	248	2160	0.11%	0.009%
105	7.217	7.199	7.231	VV	228	3694	0.19%	0.015%
106	7.238	7.231	7.285	VV	257	6476	0.33%	0.027%
107	7.294	7.285	7.300	VV	282	2084	0.11%	0.009%
108	7.308	7.300	7.313	VV	334	2117	0.11%	0.009%
109	7.325	7.313	7.330	VV	293	2718	0.14%	0.011%
110	7.338	7.330	7.353	VV	269	3081	0.16%	0.013%
111	7.358	7.353	7.374	VV	238	2200	0.11%	0.009%
112	7.382	7.374	7.387	VV	238	1597	0.08%	0.007%
113	7.391	7.387	7.397	VV	233	1155	0.06%	0.005%
114	7.404	7.397	7.412	VV	186	1472	0.08%	0.006%
115	7.432	7.412	7.467	VV	292	7243	0.37%	0.030%
116	7.478	7.467	7.517	VV	364	5779	0.29%	0.024%
117	7.522	7.517	7.528	VV	167	878	0.04%	0.004%
118	7.537	7.528	7.555	VV	249	2529	0.13%	0.011%
119	7.570	7.555	7.578	VV	133	1357	0.07%	0.006%
120	7.592	7.578	7.624	VV	207	3603	0.18%	0.015%
121	7.629	7.624	7.635	VV	128	654	0.03%	0.003%
122	7.648	7.635	7.673	VV	194	2532	0.13%	0.011%
123	7.678	7.673	7.687	VV	120	740	0.04%	0.003%
124	7.709	7.687	7.763	VV	377	7256	0.37%	0.030%
125	7.792	7.763	7.831	VV	123	3136	0.16%	0.013%
126	7.838	7.831	7.858	VV	112	1154	0.06%	0.005%
127	7.881	7.858	7.894	VV	140	1716	0.09%	0.007%
128	7.897	7.894	7.924	VV	121	1195	0.06%	0.005%
129	7.944	7.924	7.951	PV	108	877	0.04%	0.004%
130	7.956	7.951	7.967	VV	177	763	0.04%	0.003%
131	7.992	7.967	8.048	VV	420	9507	0.48%	0.040%
132	8.054	8.048	8.059	VV	142	643	0.03%	0.003%
133	8.064	8.059	8.089	VV	153	1668	0.09%	0.007%
134	8.127	8.089	8.148	VV	321	7477	0.38%	0.031%
135	8.164	8.148	8.202	VV	434	7100	0.36%	0.030%
136	8.208	8.202	8.214	VV	86	508	0.03%	0.002%
137	8.225	8.214	8.247	VV	146	1874	0.10%	0.008%
138	8.251	8.247	8.257	VV	145	606	0.03%	0.003%
139	8.283	8.257	8.299	VV	330	4283	0.22%	0.018%
140	8.319	8.299	8.327	VV	209	2557	0.13%	0.011%
141	8.331	8.327	8.351	VV	245	2439	0.12%	0.010%

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142	8.356	8.351	8.387	VV	156	1642	0.08%	0.007%
143	8.409	8.387	8.424	VV	188	2680	0.14%	0.011%
144	8.429	8.424	8.441	VV	112	932	0.05%	0.004%
145	8.446	8.441	8.450	VV	126	496	0.03%	0.002%
146	8.453	8.450	8.459	VV	88	470	0.02%	0.002%
147	8.493	8.459	8.511	VV	209	4590	0.23%	0.019%
148	8.526	8.511	8.531	VV	198	1819	0.09%	0.008%
149	8.543	8.531	8.552	VV	142	1504	0.08%	0.006%
150	8.587	8.552	8.691	VV	165738	1811428	92.35%	7.558%
151	8.709	8.691	8.884	VV	923	58065	2.96%	0.242%
152	8.891	8.884	8.898	VV	269	1888	0.10%	0.008%
153	8.919	8.898	8.932	VV	279	5039	0.26%	0.021%
154	8.948	8.932	8.992	VV	417	8794	0.45%	0.037%
155	9.008	8.992	9.012	VV	255	2150	0.11%	0.009%
156	9.018	9.012	9.064	VV	277	6007	0.31%	0.025%
157	9.082	9.064	9.102	VV	367	5879	0.30%	0.025%
158	9.126	9.102	9.166	VV	570	11913	0.61%	0.050%
159	9.182	9.166	9.193	VV	228	2761	0.14%	0.012%
160	9.214	9.193	9.224	VV	238	3354	0.17%	0.014%
161	9.239	9.224	9.289	VV	290	7372	0.38%	0.031%
162	9.315	9.289	9.398	VV	500	16070	0.82%	0.067%
163	9.418	9.398	9.449	VV	623	10170	0.52%	0.042%
164	9.459	9.449	9.490	VV	293	5603	0.29%	0.023%
165	9.499	9.490	9.526	VV	216	2580	0.13%	0.011%
166	9.554	9.526	9.562	VV	133	1964	0.10%	0.008%
167	9.566	9.562	9.575	VV	123	706	0.04%	0.003%
168	9.581	9.575	9.584	VV	83	356	0.02%	0.001%
169	9.607	9.584	9.643	VV	317	5653	0.29%	0.024%
170	9.658	9.643	9.681	VV	162	2503	0.13%	0.010%
171	9.683	9.681	9.695	VV	144	726	0.04%	0.003%
172	9.718	9.695	9.737	VV	186	2430	0.12%	0.010%
173	9.741	9.737	9.747	PV	35	186	0.01%	0.001%
174	9.802	9.747	9.821	VV	616	12356	0.63%	0.052%
175	9.837	9.821	9.861	VV	374	5843	0.30%	0.024%
176	9.864	9.861	9.876	VV	126	938	0.05%	0.004%
177	9.882	9.876	9.897	VV	173	1250	0.06%	0.005%
178	9.934	9.897	9.951	VV	231	4187	0.21%	0.017%
179	9.977	9.951	10.002	VV	722	9146	0.47%	0.038%
180	10.033	10.002	10.042	VV	547	6329	0.32%	0.026%
181	10.066	10.042	10.164	VV	38478	636760	32.46%	2.657%
182	10.197	10.164	10.299	VV	167491	1922166	97.99%	8.020%
183	10.302	10.299	10.347	VV	1159	24346	1.24%	0.102%
184	10.355	10.347	10.396	VV	673	16219	0.83%	0.068%
185	10.404	10.396	10.415	VV	390	4155	0.21%	0.017%
186	10.429	10.415	10.447	VV	433	6654	0.34%	0.028%
187	10.453	10.447	10.484	VV	316	5829	0.30%	0.024%
188	10.487	10.484	10.507	VV	263	3077	0.16%	0.013%
189	10.541	10.507	10.575	VV	2062	34077	1.74%	0.142%
190	10.581	10.575	10.610	VV	444	6778	0.35%	0.028%
191	10.621	10.610	10.637	VV	311	3880	0.20%	0.016%
192	10.643	10.637	10.661	VV	291	3243	0.17%	0.014%
193	10.679	10.661	10.702	VV	275	4885	0.25%	0.020%
194	10.718	10.702	10.741	VV	286	4038	0.21%	0.017%

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195	10.757	10.741	10.777	VV	287	4158	0.21%	0.017%
196	10.788	10.777	10.801	VV	111	1366	0.07%	0.006%
197	10.822	10.801	10.846	VV	251	4017	0.20%	0.017%
198	10.865	10.846	10.883	VV	249	3819	0.19%	0.016%
199	10.921	10.883	10.924	VV	377	6602	0.34%	0.028%
200	10.934	10.924	10.961	VV	442	6492	0.33%	0.027%
201	11.008	10.961	11.022	VV	334	6717	0.34%	0.028%
202	11.045	11.022	11.051	VV	301	3970	0.20%	0.017%
203	11.054	11.051	11.061	VV	225	1162	0.06%	0.005%
204	11.068	11.061	11.094	VV	226	2513	0.13%	0.010%
205	11.100	11.094	11.148	VV	132	2477	0.13%	0.010%
206	11.165	11.148	11.171	PV	122	808	0.04%	0.003%
207	11.175	11.171	11.187	VV	100	339	0.02%	0.001%
208	11.191	11.187	11.199	PV	66	228	0.01%	0.001%
209	11.232	11.199	11.281	VV	709	19723	1.01%	0.082%
210	11.293	11.281	11.297	VV	318	2905	0.15%	0.012%
211	11.313	11.297	11.349	VV	523	10774	0.55%	0.045%
212	11.358	11.349	11.403	VV	222	6038	0.31%	0.025%
213	11.448	11.403	11.523	VV	470	10813	0.55%	0.045%
214	11.576	11.523	11.596	VV	142	2485	0.13%	0.010%
215	11.643	11.596	11.710	VV	166934	1911967	97.47%	7.978%
216	11.724	11.710	11.776	VV	952	23112	1.18%	0.096%
217	11.803	11.776	11.823	VV	529	9373	0.48%	0.039%
218	11.837	11.823	11.864	VV	318	4780	0.24%	0.020%
219	11.925	11.864	11.980	VV	591	18135	0.92%	0.076%
220	11.994	11.980	12.022	VV	268	4575	0.23%	0.019%
221	12.065	12.022	12.101	VV	493	13631	0.69%	0.057%
222	12.129	12.101	12.152	VV	627	8539	0.44%	0.036%
223	12.201	12.152	12.231	VV	213	5423	0.28%	0.023%
224	12.237	12.231	12.261	VV	118	1069	0.05%	0.004%
225	12.265	12.261	12.277	VV	81	630	0.03%	0.003%
226	12.313	12.277	12.335	PV	340	7112	0.36%	0.030%
227	12.368	12.335	12.384	VV	250	5707	0.29%	0.024%
228	12.421	12.384	12.495	VV	1120	34715	1.77%	0.145%
229	12.525	12.495	12.536	VV	536	8527	0.43%	0.036%
230	12.566	12.536	12.631	VV	66179	870917	44.40%	3.634%
231	12.640	12.631	12.659	VV	2401	34502	1.76%	0.144%
232	12.668	12.659	12.762	VV	1676	59989	3.06%	0.250%
233	12.780	12.762	12.856	VV	910	27454	1.40%	0.115%
234	12.886	12.856	12.921	VV	1279	25095	1.28%	0.105%
235	12.956	12.921	13.007	VV	159586	1961528	100.00%	8.185%
236	13.033	13.007	13.064	VV	3086	57366	2.92%	0.239%
237	13.076	13.064	13.145	VV	590	16498	0.84%	0.069%
238	13.176	13.145	13.189	VV	227	5104	0.26%	0.021%
239	13.217	13.189	13.306	VV	493	18688	0.95%	0.078%
240	13.328	13.306	13.342	VV	799	12901	0.66%	0.054%
241	13.368	13.342	13.432	VV	986	30943	1.58%	0.129%
242	13.442	13.432	13.470	VV	256	4690	0.24%	0.020%
243	13.479	13.470	13.500	VV	223	2750	0.14%	0.011%
244	13.514	13.500	13.547	VV	154	2931	0.15%	0.012%
245	13.573	13.547	13.594	VV	637	9300	0.47%	0.039%
246	13.618	13.594	13.631	VV	625	10914	0.56%	0.046%

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247	13.651	13.631	13.736	VV	1178	49673	2.53%	0.207%
248	13.747	13.736	13.772	VV	617	11519	0.59%	0.048%
249	13.803	13.772	13.931	VV	6825	155986	7.95%	0.651%
250	13.951	13.931	13.984	VV	631	17153	0.87%	0.072%
251	14.000	13.984	14.017	VV	655	11196	0.57%	0.047%
252	14.024	14.017	14.056	VV	539	8824	0.45%	0.037%
253	14.109	14.056	14.125	VV	1182	24889	1.27%	0.104%
254	14.159	14.125	14.237	VV	154503	1899321	96.83%	7.925%
255	14.273	14.237	14.337	VV	535	18997	0.97%	0.079%
256	14.374	14.337	14.477	VV	250	10753	0.55%	0.045%
257	14.522	14.477	14.535	PV	306	4723	0.24%	0.020%
258	14.563	14.535	14.659	VV	838	28419	1.45%	0.119%
259	14.669	14.659	14.694	VV	157	2292	0.12%	0.010%
260	14.723	14.694	14.759	VV	1044	15929	0.81%	0.066%
261	14.765	14.759	14.778	VV	237	2357	0.12%	0.010%
262	14.789	14.778	14.801	VV	247	2914	0.15%	0.012%
263	14.827	14.801	14.852	VV	430	8358	0.43%	0.035%
264	14.883	14.852	14.909	VV	360	8291	0.42%	0.035%
265	14.918	14.909	14.948	VV	202	3719	0.19%	0.016%
266	14.981	14.948	15.021	VV	294	9314	0.47%	0.039%
267	15.062	15.021	15.197	VV	86685	1241304	63.28%	5.179%
268	15.266	15.197	15.299	VV	149830	1881428	95.92%	7.850%
269	15.311	15.299	15.406	VV	2438	45606	2.33%	0.190%
270	15.414	15.406	15.421	VV	105	875	0.04%	0.004%
271	15.443	15.421	15.499	VV	408	11182	0.57%	0.047%
272	15.512	15.499	15.542	PV	160	1947	0.10%	0.008%
273	15.607	15.542	15.619	VV	206	5523	0.28%	0.023%
274	15.651	15.619	15.764	VV	17218	440517	22.46%	1.838%
275	15.801	15.764	15.831	VV	2599	63800	3.25%	0.266%
276	15.859	15.831	15.889	VV	1730	25741	1.31%	0.107%
277	15.920	15.889	15.944	VV	362	7481	0.38%	0.031%
278	15.956	15.944	16.006	VV	204	3890	0.20%	0.016%
279	16.041	16.006	16.096	PV	360	9251	0.47%	0.039%
280	16.109	16.096	16.141	VV	299	4339	0.22%	0.018%
281	16.179	16.141	16.229	VV	604	15321	0.78%	0.064%
282	16.291	16.229	16.340	VV	137905	1809603	92.25%	7.551%
283	16.353	16.340	16.402	VV	529	10665	0.54%	0.044%
284	16.431	16.402	16.457	VV	333	6661	0.34%	0.028%
285	16.496	16.457	16.556	VV	398	12903	0.66%	0.054%
286	16.606	16.556	16.644	PV	1082	27916	1.42%	0.116%
287	16.680	16.644	16.705	VV	1766	42084	2.15%	0.176%
288	16.741	16.705	16.757	VV	1984	43565	2.22%	0.182%
289	16.776	16.757	16.819	VV	3498	63373	3.23%	0.264%
290	16.858	16.819	16.882	VV	1683	44222	2.25%	0.185%
291	16.946	16.882	16.959	VV	1035	38897	1.98%	0.162%
292	16.975	16.959	17.049	VV	1288	43901	2.24%	0.183%
293	17.066	17.049	17.107	VV	954	26114	1.33%	0.109%
294	17.139	17.107	17.183	VV	1078	37521	1.91%	0.157%
295	17.246	17.183	17.276	VV	136191	1843939	94.01%	7.694%
296	17.294	17.276	17.364	VV	6551	107260	5.47%	0.448%
297	17.377	17.364	17.401	VBA	339	4887	0.25%	0.020%

Sum of corrected areas: 23965924

rteres

FF100225.M Thu Oct 23 01:30:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016598.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:42
Operator : YP\AJ
Sample : Q3399-01MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMSD

Integration File: autoint1.e
Quant Time: Oct 23 01:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	TETRACOSANE-d50 (SURR...	15.061	1267907	10.780 ug/ml
	Target Compounds			
2)	N-DECANE	4.576	1663829	13.840 ug/ml
3)	N-DODECANE	6.755	1766231	14.491 ug/ml
4)	N-TETRADECANE	8.588	1822423	14.806 ug/ml
5)	N-HEXADECANE	10.198	1916385	15.313 ug/ml
6)	N-OCTADECANE	11.644	1948242	14.993 ug/ml
7)	N-EICOSANE	12.958	2002721	15.019 ug/ml
8)	N-DOCOSANE	14.159	1942208	14.817 ug/ml
10)	N-TETRACOSANE	15.267	1906096	14.390 ug/ml
11)	N-HEXACOSANE	16.291	1865851	14.128 ug/ml
12)	N-OCTACOSANE	17.245	1861679	14.175 ug/ml

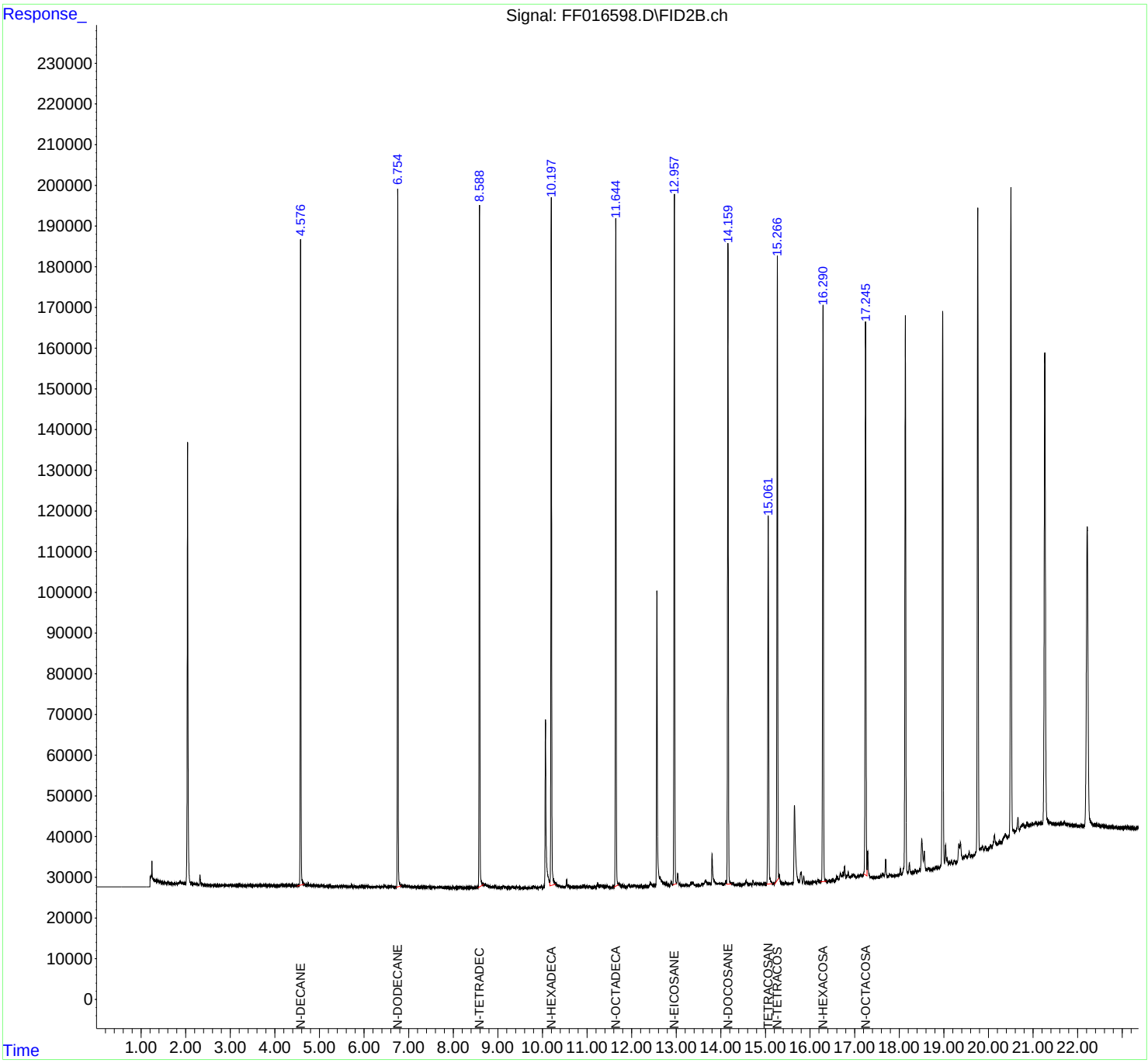
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016598.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:42
Operator : YP\AJ
Sample : Q3399-01MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
COMP-ROLLOFFMSD

Integration File: autoint1.e
Quant Time: Oct 23 01:20:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Quant Title :
QLast Update : Fri Oct 03 03:40:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102225\
Data File : FF016598.D
Signal(s) : FID2B.ch
Acq On : 22 Oct 2025 15:42
Sample : Q3399-01MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.446	4.418	4.453	BV	89	460	0.02%	0.002%
2	4.458	4.453	4.462	PV	108	430	0.02%	0.002%
3	4.474	4.462	4.483	VV	123	863	0.04%	0.003%
4	4.508	4.483	4.534	PV	159	2732	0.13%	0.011%
5	4.576	4.534	4.688	VV	158679	1693945	83.31%	6.811%
6	4.694	4.688	4.698	VV	412	2114	0.10%	0.008%
7	4.701	4.698	4.713	VV	378	3111	0.15%	0.013%
8	4.717	4.713	4.722	VV	302	1423	0.07%	0.006%
9	4.745	4.722	4.779	VV	727	13683	0.67%	0.055%
10	4.782	4.779	4.789	VV	268	1386	0.07%	0.006%
11	4.796	4.789	4.807	VV	284	2405	0.12%	0.010%
12	4.814	4.807	4.845	VV	316	4869	0.24%	0.020%
13	4.859	4.845	4.877	VV	269	3730	0.18%	0.015%
14	4.895	4.877	4.917	VV	265	4866	0.24%	0.020%
15	4.922	4.917	4.988	VV	250	7007	0.34%	0.028%
16	4.999	4.988	5.016	VV	204	2306	0.11%	0.009%
17	5.046	5.016	5.085	VV	238	7267	0.36%	0.029%
18	5.094	5.085	5.111	VV	224	2339	0.12%	0.009%
19	5.115	5.111	5.118	VV	170	585	0.03%	0.002%
20	5.121	5.118	5.139	VV	152	1664	0.08%	0.007%
21	5.147	5.139	5.155	VV	172	1088	0.05%	0.004%
22	5.168	5.155	5.188	VV	153	1940	0.10%	0.008%
23	5.192	5.188	5.210	VV	143	960	0.05%	0.004%
24	5.237	5.210	5.256	PV	346	4648	0.23%	0.019%
25	5.261	5.256	5.266	VV	148	571	0.03%	0.002%
26	5.271	5.266	5.307	VV	157	2081	0.10%	0.008%
27	5.312	5.307	5.322	PV	109	511	0.03%	0.002%
28	5.330	5.322	5.346	VV	90	924	0.05%	0.004%
29	5.355	5.346	5.361	VV	67	429	0.02%	0.002%
30	5.369	5.361	5.379	VV	108	824	0.04%	0.003%
31	5.390	5.379	5.398	VV	148	1105	0.05%	0.004%
32	5.400	5.398	5.405	VV	103	419	0.02%	0.002%
33	5.410	5.405	5.435	VV	160	1483	0.07%	0.006%
34	5.450	5.435	5.454	VV	100	856	0.04%	0.003%
35	5.457	5.454	5.464	VV	116	497	0.02%	0.002%
36	5.469	5.464	5.488	VV	167	1507	0.07%	0.006%

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37	5.497	5.488	5.504	VV	141	817	0.04%	0.003%
38	5.509	5.504	5.517	VV	119	751	0.04%	0.003%
39	5.537	5.517	5.568	VV	309	6074	0.30%	0.024%
40	5.572	5.568	5.590	VV	200	1815	0.09%	0.007%
41	5.617	5.590	5.633	VV	160	3022	0.15%	0.012%
42	5.655	5.633	5.660	VV	181	1553	0.08%	0.006%
43	5.664	5.660	5.690	VV	161	1410	0.07%	0.006%
44	5.722	5.690	5.763	VV	487	7526	0.37%	0.030%
45	5.767	5.763	5.771	VV	123	424	0.02%	0.002%
46	5.778	5.771	5.783	VV	191	943	0.05%	0.004%
47	5.786	5.783	5.815	VV	228	2412	0.12%	0.010%
48	5.819	5.815	5.840	VV	218	1645	0.08%	0.007%
49	5.844	5.840	5.849	VV	161	643	0.03%	0.003%
50	5.857	5.849	5.894	VV	175	3114	0.15%	0.013%
51	5.916	5.894	5.922	VV	205	2225	0.11%	0.009%
52	5.925	5.922	5.954	VV	177	2367	0.12%	0.010%
53	5.959	5.954	5.970	VV	175	1393	0.07%	0.006%
54	5.979	5.970	5.985	VV	228	1694	0.08%	0.007%
55	5.995	5.985	6.020	VV	247	3136	0.15%	0.013%
56	6.042	6.020	6.069	VV	314	5232	0.26%	0.021%
57	6.093	6.069	6.147	VV	322	6975	0.34%	0.028%
58	6.154	6.147	6.162	VV	95	442	0.02%	0.002%
59	6.191	6.162	6.208	PV	138	1424	0.07%	0.006%
60	6.211	6.208	6.220	VV	75	400	0.02%	0.002%
61	6.241	6.220	6.249	VV	144	1615	0.08%	0.006%
62	6.255	6.249	6.261	VV	158	767	0.04%	0.003%
63	6.290	6.261	6.303	VV	318	4312	0.21%	0.017%
64	6.309	6.303	6.342	VV	215	3951	0.19%	0.016%
65	6.352	6.342	6.367	VV	219	2307	0.11%	0.009%
66	6.378	6.367	6.387	VV	211	2076	0.10%	0.008%
67	6.400	6.387	6.428	VV	265	5034	0.25%	0.020%
68	6.445	6.428	6.457	VV	355	4357	0.21%	0.018%
69	6.470	6.457	6.523	VV	490	9757	0.48%	0.039%
70	6.552	6.523	6.572	VV	286	4718	0.23%	0.019%
71	6.601	6.572	6.628	VV	334	7579	0.37%	0.030%
72	6.631	6.628	6.637	VV	226	1099	0.05%	0.004%
73	6.643	6.637	6.656	VV	223	2128	0.10%	0.009%
74	6.662	6.656	6.676	VV	177	1267	0.06%	0.005%
75	6.689	6.676	6.703	VV	131	1262	0.06%	0.005%
76	6.707	6.703	6.713	VV	90	365	0.02%	0.001%
77	6.755	6.713	6.836	PV	171567	1786037	87.84%	7.181%
78	6.841	6.836	6.848	VV	531	3506	0.17%	0.014%
79	6.852	6.848	6.885	VV	461	9454	0.46%	0.038%
80	6.909	6.885	6.955	VV	565	17281	0.85%	0.069%
81	6.981	6.955	7.014	VV	425	11894	0.58%	0.048%
82	7.026	7.014	7.030	VV	409	3367	0.17%	0.014%
83	7.035	7.030	7.056	VV	379	4408	0.22%	0.018%
84	7.064	7.056	7.071	VV	325	2246	0.11%	0.009%
85	7.081	7.071	7.087	VV	254	2178	0.11%	0.009%
86	7.093	7.087	7.112	VV	279	3083	0.15%	0.012%
87	7.118	7.112	7.134	VV	255	2556	0.13%	0.010%
88	7.137	7.134	7.145	VV	187	1237	0.06%	0.005%
89	7.146	7.145	7.157	VV	233	1376	0.07%	0.006%

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90	7.162	7.157	7.187	VV	218	3049	0.15%	0.012%
91	7.191	7.187	7.197	VV	204	1127	0.06%	0.005%
92	7.216	7.197	7.235	VV	271	4385	0.22%	0.018%
93	7.237	7.235	7.251	VV	220	1631	0.08%	0.007%
94	7.253	7.251	7.264	VV	180	1209	0.06%	0.005%
95	7.270	7.264	7.276	VV	186	1277	0.06%	0.005%
96	7.281	7.276	7.295	VV	208	2089	0.10%	0.008%
97	7.298	7.295	7.314	VV	288	2682	0.13%	0.011%
98	7.318	7.314	7.335	VV	238	2717	0.13%	0.011%
99	7.337	7.335	7.356	VV	287	2399	0.12%	0.010%
100	7.362	7.356	7.370	VV	205	1272	0.06%	0.005%
101	7.375	7.370	7.390	VV	246	2227	0.11%	0.009%
102	7.393	7.390	7.424	VV	221	3352	0.16%	0.013%
103	7.438	7.424	7.454	VV	302	4087	0.20%	0.016%
104	7.461	7.454	7.465	VV	228	1313	0.06%	0.005%
105	7.478	7.465	7.515	VV	359	5517	0.27%	0.022%
106	7.538	7.515	7.556	VV	233	3309	0.16%	0.013%
107	7.584	7.556	7.598	VV	249	3552	0.17%	0.014%
108	7.602	7.598	7.623	VV	219	2030	0.10%	0.008%
109	7.630	7.623	7.640	VV	130	981	0.05%	0.004%
110	7.650	7.640	7.665	VV	164	1821	0.09%	0.007%
111	7.672	7.665	7.678	VV	137	807	0.04%	0.003%
112	7.707	7.678	7.750	VV	414	8468	0.42%	0.034%
113	7.754	7.750	7.767	VV	159	730	0.04%	0.003%
114	7.771	7.767	7.778	VV	58	361	0.02%	0.001%
115	7.787	7.778	7.799	VV	121	843	0.04%	0.003%
116	7.805	7.799	7.820	VV	139	1123	0.06%	0.005%
117	7.830	7.820	7.835	VV	94	665	0.03%	0.003%
118	7.840	7.835	7.870	VV	112	1462	0.07%	0.006%
119	7.873	7.870	7.919	VV	99	1418	0.07%	0.006%
120	7.924	7.919	7.944	VV	74	489	0.02%	0.002%
121	7.993	7.944	8.022	PV	430	7665	0.38%	0.031%
122	8.030	8.022	8.037	VV	149	885	0.04%	0.004%
123	8.041	8.037	8.061	VV	127	864	0.04%	0.003%
124	8.071	8.061	8.085	VV	108	901	0.04%	0.004%
125	8.121	8.085	8.152	VV	307	6807	0.33%	0.027%
126	8.165	8.152	8.197	VV	462	6080	0.30%	0.024%
127	8.208	8.197	8.213	VV	122	692	0.03%	0.003%
128	8.216	8.213	8.220	VV	98	237	0.01%	0.001%
129	8.223	8.220	8.227	VV	65	222	0.01%	0.001%
130	8.232	8.227	8.253	VV	125	981	0.05%	0.004%
131	8.282	8.253	8.302	PV	303	4440	0.22%	0.018%
132	8.319	8.302	8.330	VV	254	2705	0.13%	0.011%
133	8.341	8.330	8.362	VV	244	3013	0.15%	0.012%
134	8.371	8.362	8.382	VV	158	1112	0.05%	0.004%
135	8.409	8.382	8.447	VV	231	4531	0.22%	0.018%
136	8.458	8.447	8.469	VV	125	1050	0.05%	0.004%
137	8.494	8.469	8.514	VV	259	3993	0.20%	0.016%
138	8.518	8.514	8.529	VV	170	1286	0.06%	0.005%
139	8.588	8.529	8.692	VV	167946	1868863	91.92%	7.514%
140	8.710	8.692	8.772	VV	914	34315	1.69%	0.138%
141	8.777	8.772	8.796	VV	540	6556	0.32%	0.026%

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142	8.814	8.796	8.821	VV	447	5906	0.29%	0.024%
143	8.822	8.821	8.832	VV	467	2892	0.14%	0.012%
144	8.835	8.832	8.859	VV	453	5436	0.27%	0.022%
145	8.863	8.859	8.869	VV	340	1823	0.09%	0.007%
146	8.873	8.869	8.878	VV	285	1445	0.07%	0.006%
147	8.884	8.878	8.894	VV	255	2451	0.12%	0.010%
148	8.907	8.894	8.915	VV	279	3097	0.15%	0.012%
149	8.920	8.915	8.937	VV	322	3533	0.17%	0.014%
150	8.951	8.937	8.985	VV	414	7464	0.37%	0.030%
151	9.006	8.985	9.011	VV	248	2902	0.14%	0.012%
152	9.021	9.011	9.036	VV	286	3793	0.19%	0.015%
153	9.042	9.036	9.049	VV	262	1467	0.07%	0.006%
154	9.076	9.049	9.092	VV	300	5208	0.26%	0.021%
155	9.129	9.092	9.164	VV	563	13566	0.67%	0.055%
156	9.170	9.164	9.193	VV	201	2693	0.13%	0.011%
157	9.203	9.193	9.207	VV	190	1139	0.06%	0.005%
158	9.234	9.207	9.263	VV	216	4732	0.23%	0.019%
159	9.285	9.263	9.294	VV	171	1970	0.10%	0.008%
160	9.316	9.294	9.381	VV	498	11803	0.58%	0.047%
161	9.387	9.381	9.396	VV	88	528	0.03%	0.002%
162	9.417	9.396	9.445	VV	562	7981	0.39%	0.032%
163	9.459	9.445	9.483	VV	276	4158	0.20%	0.017%
164	9.497	9.483	9.519	VV	146	1976	0.10%	0.008%
165	9.524	9.519	9.534	VV	90	516	0.03%	0.002%
166	9.560	9.534	9.581	VV	125	1636	0.08%	0.007%
167	9.606	9.581	9.639	VV	282	4776	0.23%	0.019%
168	9.651	9.639	9.667	VV	164	1448	0.07%	0.006%
169	9.674	9.667	9.688	VV	148	1223	0.06%	0.005%
170	9.716	9.688	9.741	VV	165	2135	0.11%	0.009%
171	9.746	9.741	9.754	PV	57	332	0.02%	0.001%
172	9.797	9.754	9.823	VV	640	12782	0.63%	0.051%
173	9.837	9.823	9.862	VV	369	5310	0.26%	0.021%
174	9.872	9.862	9.889	VV	122	1981	0.10%	0.008%
175	9.890	9.889	9.907	VV	140	647	0.03%	0.003%
176	9.940	9.907	9.947	VV	254	3858	0.19%	0.016%
177	9.951	9.947	9.959	VV	210	1251	0.06%	0.005%
178	9.977	9.959	10.014	VV	775	9995	0.49%	0.040%
179	10.031	10.014	10.043	VV	558	5952	0.29%	0.024%
180	10.067	10.043	10.166	VV	41408	663980	32.66%	2.670%
181	10.198	10.166	10.304	VV	169809	1982265	97.49%	7.970%
182	10.307	10.304	10.406	VV	1057	38873	1.91%	0.156%
183	10.410	10.406	10.419	VV	429	3103	0.15%	0.012%
184	10.427	10.419	10.433	VV	391	2915	0.14%	0.012%
185	10.437	10.433	10.444	VV	332	2126	0.10%	0.009%
186	10.446	10.444	10.449	VV	373	998	0.05%	0.004%
187	10.454	10.449	10.481	VV	350	5296	0.26%	0.021%
188	10.486	10.481	10.504	VV	307	3275	0.16%	0.013%
189	10.542	10.504	10.577	VV	2163	36843	1.81%	0.148%
190	10.581	10.577	10.612	VV	516	7651	0.38%	0.031%
191	10.617	10.612	10.627	VV	279	2396	0.12%	0.010%
192	10.633	10.627	10.647	VV	261	2900	0.14%	0.012%
193	10.651	10.647	10.662	VV	272	2005	0.10%	0.008%
194	10.674	10.662	10.707	VV	286	5601	0.28%	0.023%

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195	10.723	10.707	10.738	VV	279	3871	0.19%	0.016%
196	10.759	10.738	10.805	VV	342	7684	0.38%	0.031%
197	10.825	10.805	10.833	VV	267	3259	0.16%	0.013%
198	10.837	10.833	10.842	VV	247	1135	0.06%	0.005%
199	10.845	10.842	10.848	VV	241	678	0.03%	0.003%
200	10.863	10.848	10.883	VV	291	4686	0.23%	0.019%
201	10.916	10.883	10.921	VV	495	7793	0.38%	0.031%
202	10.936	10.921	10.958	VV	544	9532	0.47%	0.038%
203	10.964	10.958	10.974	VV	253	2069	0.10%	0.008%
204	11.013	10.974	11.031	VV	422	9665	0.48%	0.039%
205	11.043	11.031	11.090	VV	415	9148	0.45%	0.037%
206	11.094	11.090	11.098	VV	126	660	0.03%	0.003%
207	11.101	11.098	11.108	VV	145	769	0.04%	0.003%
208	11.129	11.108	11.149	VV	192	2994	0.15%	0.012%
209	11.157	11.149	11.160	VV	165	898	0.04%	0.004%
210	11.166	11.160	11.193	VV	234	2937	0.14%	0.012%
211	11.232	11.193	11.283	VV	834	26522	1.30%	0.107%
212	11.288	11.283	11.296	VV	448	3298	0.16%	0.013%
213	11.314	11.296	11.409	VV	660	24111	1.19%	0.097%
214	11.413	11.409	11.426	VV	233	1939	0.10%	0.008%
215	11.451	11.426	11.487	VV	521	10078	0.50%	0.041%
216	11.494	11.487	11.524	VV	126	2513	0.12%	0.010%
217	11.532	11.524	11.537	VV	138	622	0.03%	0.003%
218	11.543	11.537	11.557	PV	110	825	0.04%	0.003%
219	11.576	11.557	11.599	VV	216	3497	0.17%	0.014%
220	11.644	11.599	11.704	VV	164318	1976102	97.19%	7.946%
221	11.725	11.704	11.766	VV	1007	25961	1.28%	0.104%
222	11.767	11.766	11.781	VV	390	2924	0.14%	0.012%
223	11.805	11.781	11.829	VV	568	11150	0.55%	0.045%
224	11.839	11.829	11.867	VV	420	5505	0.27%	0.022%
225	11.877	11.867	11.881	VV	152	948	0.05%	0.004%
226	11.896	11.881	11.900	VV	168	1427	0.07%	0.006%
227	11.926	11.900	11.980	VV	600	17840	0.88%	0.072%
228	11.993	11.980	12.018	VV	329	5237	0.26%	0.021%
229	12.035	12.018	12.044	VV	408	4145	0.20%	0.017%
230	12.063	12.044	12.068	VV	564	6139	0.30%	0.025%
231	12.070	12.068	12.107	VV	512	7110	0.35%	0.029%
232	12.128	12.107	12.147	VV	581	8238	0.41%	0.033%
233	12.161	12.147	12.168	VV	160	1709	0.08%	0.007%
234	12.172	12.168	12.186	VV	161	1132	0.06%	0.005%
235	12.202	12.186	12.217	VV	251	3520	0.17%	0.014%
236	12.221	12.217	12.236	VV	255	1644	0.08%	0.007%
237	12.255	12.236	12.280	VV	144	2504	0.12%	0.010%
238	12.316	12.280	12.347	VV	333	8385	0.41%	0.034%
239	12.357	12.347	12.379	VV	291	4278	0.21%	0.017%
240	12.421	12.379	12.497	VV	1156	37286	1.83%	0.150%
241	12.523	12.497	12.537	VV	537	9216	0.45%	0.037%
242	12.567	12.537	12.626	VV	72774	926342	45.56%	3.725%
243	12.640	12.626	12.659	VV	2515	42075	2.07%	0.169%
244	12.667	12.659	12.728	VV	1731	47517	2.34%	0.191%
245	12.734	12.728	12.759	VV	815	13105	0.64%	0.053%
246	12.782	12.759	12.824	VV	944	23529	1.16%	0.095%

rteres

247	12.839	12.824	12.859	VV	394	6223	0.31%	0.025%
248	12.885	12.859	12.920	VV	1333	26346	1.30%	0.106%
249	12.958	12.920	13.008	VV	169823	2033219	100.00%	8.175%
250	13.033	13.008	13.067	VV	3238	60361	2.97%	0.243%
251	13.082	13.067	13.114	VV	616	12297	0.60%	0.049%
252	13.118	13.114	13.132	VV	291	2326	0.11%	0.009%
253	13.136	13.132	13.142	VV	253	1304	0.06%	0.005%
254	13.145	13.142	13.176	VV	287	4626	0.23%	0.019%
255	13.182	13.176	13.188	VV	272	1736	0.09%	0.007%
256	13.195	13.188	13.200	VV	267	1887	0.09%	0.008%
257	13.220	13.200	13.274	VV	476	14531	0.71%	0.058%
258	13.279	13.274	13.300	VV	281	3227	0.16%	0.013%
259	13.329	13.300	13.346	VV	857	15093	0.74%	0.061%
260	13.368	13.346	13.419	VV	1017	27878	1.37%	0.112%
261	13.424	13.419	13.436	VV	239	2095	0.10%	0.008%
262	13.457	13.436	13.466	VV	234	3676	0.18%	0.015%
263	13.472	13.466	13.477	VV	189	1167	0.06%	0.005%
264	13.481	13.477	13.494	VV	191	1499	0.07%	0.006%
265	13.502	13.494	13.519	VV	198	2433	0.12%	0.010%
266	13.521	13.519	13.541	VV	166	1491	0.07%	0.006%
267	13.571	13.541	13.590	VV	729	10169	0.50%	0.041%
268	13.614	13.590	13.630	VV	657	12578	0.62%	0.051%
269	13.653	13.630	13.736	VV	1332	53159	2.61%	0.214%
270	13.749	13.736	13.770	VV	623	10549	0.52%	0.042%
271	13.802	13.770	13.901	VV	7799	159722	7.86%	0.642%
272	13.908	13.901	13.931	VV	575	8738	0.43%	0.035%
273	13.946	13.931	13.952	VV	577	6495	0.32%	0.026%
274	13.956	13.952	13.976	VV	552	7067	0.35%	0.028%
275	13.999	13.976	14.014	VV	658	11988	0.59%	0.048%
276	14.022	14.014	14.046	VV	492	7877	0.39%	0.032%
277	14.051	14.046	14.059	VV	269	1977	0.10%	0.008%
278	14.061	14.059	14.064	VV	274	747	0.04%	0.003%
279	14.078	14.064	14.084	VV	360	3636	0.18%	0.015%
280	14.110	14.084	14.127	VV	1222	19745	0.97%	0.079%
281	14.159	14.127	14.242	VV	157758	1967101	96.75%	7.909%
282	14.269	14.242	14.315	VV	553	15901	0.78%	0.064%
283	14.321	14.315	14.346	VV	180	2546	0.13%	0.010%
284	14.359	14.346	14.365	VV	248	1920	0.09%	0.008%
285	14.369	14.365	14.401	VV	232	4500	0.22%	0.018%
286	14.409	14.401	14.439	VV	221	3420	0.17%	0.014%
287	14.454	14.439	14.459	VV	162	1320	0.06%	0.005%
288	14.461	14.459	14.471	VV	131	736	0.04%	0.003%
289	14.477	14.471	14.489	VV	108	749	0.04%	0.003%
290	14.497	14.489	14.502	VV	121	624	0.03%	0.003%
291	14.519	14.502	14.536	VV	335	4612	0.23%	0.019%
292	14.566	14.536	14.617	VV	976	27089	1.33%	0.109%
293	14.632	14.617	14.646	VV	246	3170	0.16%	0.013%
294	14.668	14.646	14.691	VV	218	4225	0.21%	0.017%
295	14.724	14.691	14.756	PV	1082	17347	0.85%	0.070%
296	14.763	14.756	14.773	VV	290	2603	0.13%	0.010%
297	14.785	14.773	14.801	VV	312	4382	0.22%	0.018%
298	14.821	14.801	14.841	VV	459	8519	0.42%	0.034%
299	14.850	14.841	14.857	VV	242	2007	0.10%	0.008%

rteres

300	14.863	14.857	14.867	VV	229	1100	0.05%	0.004%
301	14.888	14.867	14.906	VV	383	6317	0.31%	0.025%
302	14.917	14.906	14.922	VV	193	1606	0.08%	0.006%
303	14.928	14.922	14.931	VV	177	896	0.04%	0.004%
304	14.934	14.931	14.941	VV	185	838	0.04%	0.003%
305	14.963	14.941	14.967	VV	237	2874	0.14%	0.012%
306	14.978	14.967	15.026	VV	268	7191	0.35%	0.029%
307	15.061	15.026	15.176	VV	90571	1282425	63.07%	5.156%
308	15.183	15.176	15.207	VV	136	2190	0.11%	0.009%
309	15.267	15.207	15.299	VV	154262	1951720	95.99%	7.847%
310	15.311	15.299	15.356	VV	2415	39325	1.93%	0.158%
311	15.362	15.356	15.369	VV	311	2058	0.10%	0.008%
312	15.374	15.369	15.407	VV	256	3666	0.18%	0.015%
313	15.414	15.407	15.419	VV	99	416	0.02%	0.002%
314	15.442	15.419	15.448	VV	427	4138	0.20%	0.017%
315	15.459	15.448	15.501	VV	435	6601	0.32%	0.027%
316	15.513	15.501	15.518	VV	126	840	0.04%	0.003%
317	15.526	15.518	15.532	VV	88	543	0.03%	0.002%
318	15.555	15.532	15.575	VV	148	2906	0.14%	0.012%
319	15.581	15.575	15.591	VV	131	1005	0.05%	0.004%
320	15.605	15.591	15.616	VV	175	1966	0.10%	0.008%
321	15.650	15.616	15.765	VV	19280	467390	22.99%	1.879%
322	15.791	15.765	15.799	VV	2704	37533	1.85%	0.151%
323	15.803	15.799	15.832	VV	2600	27883	1.37%	0.112%
324	15.859	15.832	15.896	VV	1808	27148	1.34%	0.109%
325	15.915	15.896	15.942	VV	398	6599	0.32%	0.027%
326	15.951	15.942	15.961	VV	164	1575	0.08%	0.006%
327	15.968	15.961	15.975	VV	182	1171	0.06%	0.005%
328	15.978	15.975	15.994	VV	153	697	0.03%	0.003%
329	16.049	15.994	16.053	PV	251	4015	0.20%	0.016%
330	16.074	16.053	16.079	VV	291	3759	0.18%	0.015%
331	16.084	16.079	16.094	VV	296	2449	0.12%	0.010%
332	16.111	16.094	16.140	VV	355	5095	0.25%	0.020%
333	16.176	16.140	16.219	VV	638	16644	0.82%	0.067%
334	16.224	16.219	16.232	VV	190	1179	0.06%	0.005%
335	16.291	16.232	16.342	VV	141713	1875823	92.26%	7.542%
336	16.353	16.342	16.386	VV	545	8159	0.40%	0.033%
337	16.389	16.386	16.406	VV	100	922	0.05%	0.004%
338	16.428	16.406	16.450	VV	357	5632	0.28%	0.023%
339	16.499	16.450	16.556	VV	388	12399	0.61%	0.050%
340	16.600	16.556	16.644	PV	1052	30205	1.49%	0.121%
341	16.677	16.644	16.707	VV	1873	46573	2.29%	0.187%
342	16.710	16.707	16.717	VV	1199	6828	0.34%	0.027%
343	16.739	16.717	16.757	VV	2166	37992	1.87%	0.153%
344	16.777	16.757	16.822	VV	3401	67751	3.33%	0.272%
345	16.856	16.822	16.882	VV	1866	46017	2.26%	0.185%
346	16.925	16.882	16.932	VV	979	24709	1.22%	0.099%
347	16.944	16.932	16.956	VV	1124	14473	0.71%	0.058%
348	16.975	16.956	17.002	VV	1472	30720	1.51%	0.124%
349	17.007	17.002	17.025	VV	907	9998	0.49%	0.040%
350	17.028	17.025	17.047	VV	637	7749	0.38%	0.031%
351	17.065	17.047	17.081	VV	1030	16708	0.82%	0.067%

rteres

352	17.086	17.081	17.089	VV	785	3611	0.18%	0.015%
353	17.096	17.089	17.103	VV	855	6692	0.33%	0.027%
354	17.141	17.103	17.162	VV	1104	32258	1.59%	0.130%
355	17.177	17.162	17.188	VV	852	11987	0.59%	0.048%
356	17.245	17.188	17.276	VV	137248	1912733	94.07%	7.691%
357	17.293	17.276	17.355	VV	6750	109723	5.40%	0.441%
358	17.375	17.355	17.401	VBA	377	7172	0.35%	0.029%

Sum of corrected areas: 24870669

FF100225.M Thu Oct 23 01:30:49 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
5 TRPH STD		FF016513.D	FF100225	N-TETRACONTANE	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
5 TRPH STD		FF016513.D	FF100225	TETRACOSANE-d50 (SURROGA	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
10 TRPH STD		FF016512.D	FF100225	N-TETRACONTANE	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
10 TRPH STD		FF016512.D	FF100225	TETRACOSANE-d50 (SURROGA	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly
I.BLK		FF016508.D	FF100225	TETRACOSANE-d50 (SURROGA	mohammad	10/4/2025 6:31:32 AM	Peak Integrated by Software incorrectly

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF100225

Review By	yogesh	Review On	10/2/2025 10:24:19 AM		
Supervise By	mohammad	Supervise On	10/4/2025 6:31:32 AM		
SubDirectory	FF100225	HP Acquire Method		HP Processing Method	FF100225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24963,PP24968
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016507.D	02 Oct 2025 09:28	YP\AJ	Ok
2	I.BLK	FF016508.D	02 Oct 2025 10:27	YP\AJ	Ok,M
3	100 TRPH STD	FF016509.D	02 Oct 2025 10:56	YP\AJ	Ok
4	50 TRPH STD	FF016510.D	02 Oct 2025 11:55	YP\AJ	Ok
5	20 TRPH STD	FF016511.D	02 Oct 2025 12:24	YP\AJ	Ok
6	10 TRPH STD	FF016512.D	02 Oct 2025 12:54	YP\AJ	Ok,M
7	5 TRPH STD	FF016513.D	02 Oct 2025 13:23	YP\AJ	Ok,M
8	FF100225ICV	FF016514.D	02 Oct 2025 13:53	YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF102225

Review By	yogesh	Review On	10/22/2025 1:28:26 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:11:25 AM		
SubDirectory	FF102225	HP Acquire Method		HP Processing Method	FF100225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC	PP24964
Internal Standard/PEM	
ICV/I.BLK	PP24963,PP24968
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016590.D	22 Oct 2025 11:01	YP\AJ	Ok
2	I.BLK	FF016591.D	22 Oct 2025 11:30	YP\AJ	Ok
3	50 PPM TRPH STD	FF016592.D	22 Oct 2025 12:00	YP\AJ	Ok
4	RT MARKER	FF016593.D	22 Oct 2025 12:59	YP\AJ	Ok
5	PB170209BL	FF016594.D	22 Oct 2025 13:33	YP\AJ	Ok
6	PB170209BS	FF016595.D	22 Oct 2025 14:03	YP\AJ	Ok
7	Q3399-01	FF016596.D	22 Oct 2025 14:43	YP\AJ	Ok
8	Q3399-01MS	FF016597.D	22 Oct 2025 15:13	YP\AJ	Ok
9	Q3399-01MSD	FF016598.D	22 Oct 2025 15:42	YP\AJ	Ok
10	I.BLK	FF016599.D	22 Oct 2025 16:12	YP\AJ	Ok
11	50 PPM TRPH STD	FF016600.D	22 Oct 2025 16:41	YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF100225

Review By	yogesh	Review On	10/2/2025 10:24:19 AM		
Supervise By	mohammad	Supervise On	10/4/2025 6:31:32 AM		
SubDirectory	FF100225	HP Acquire Method		HP Processing Method	FF100225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24963,PP24968
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016507.D	02 Oct 2025 09:28		YP\AJ	Ok
2	I.BLK		FF016508.D	02 Oct 2025 10:27		YP\AJ	Ok,M
3	100 TRPH STD		FF016509.D	02 Oct 2025 10:56		YP\AJ	Ok
4	50 TRPH STD		FF016510.D	02 Oct 2025 11:55		YP\AJ	Ok
5	20 TRPH STD		FF016511.D	02 Oct 2025 12:24		YP\AJ	Ok
6	10 TRPH STD		FF016512.D	02 Oct 2025 12:54		YP\AJ	Ok,M
7	5 TRPH STD		FF016513.D	02 Oct 2025 13:23		YP\AJ	Ok,M
8	FF100225ICV		FF016514.D	02 Oct 2025 13:53		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QCBatch ID # FF102225

Review By	yogesh	Review On	10/22/2025 1:28:26 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:11:25 AM		
SubDirectory	FF102225	HP Acquire Method		HP Processing Method	FF100225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24962,PP24964,PP24965,PP24966,PP24967
CCC	PP24964
Internal Standard/PEM	
ICV/I.BLK	PP24963,PP24968
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2		FF016590.D	22 Oct 2025 11:01		YP\AJ	Ok
2	I.BLK		FF016591.D	22 Oct 2025 11:30		YP\AJ	Ok
3	50 PPM TRPH STD		FF016592.D	22 Oct 2025 12:00		YP\AJ	Ok
4	RT MARKER		FF016593.D	22 Oct 2025 12:59		YP\AJ	Ok
5	PB170209BL		FF016594.D	22 Oct 2025 13:33		YP\AJ	Ok
6	PB170209BS		FF016595.D	22 Oct 2025 14:03		YP\AJ	Ok
7	Q3399-01		FF016596.D	22 Oct 2025 14:43		YP\AJ	Ok
8	Q3399-01MS		FF016597.D	22 Oct 2025 15:13	FF016596.D	YP\AJ	Ok
9	Q3399-01MSD		FF016598.D	22 Oct 2025 15:42	FF016596.D!FF016597.D	YP\AJ	Ok
10	I.BLK		FF016599.D	22 Oct 2025 16:12		YP\AJ	Ok
11	50 PPM TRPH STD		FF016600.D	22 Oct 2025 16:41		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170209

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 10:08

Extraction End Date : 10/22/2025

Extraction End Time : 13:25

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP24583
Surrogate	1.0ML	20 PPM	PP24596
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2652
Methylene Chloride	N/A	E3980
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext-lab)	RJ Pest/PCB Cab
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170209

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170209BL	PB170209BL	Diesel Range Organics	30.01	N/A	Evelyn	RUPESH	1			U6-1
PB170209BS	PB170209BS	Diesel Range Organics	30.03	N/A	Evelyn	RUPESH	1			2
Q3399-01	COMP-ROLLOFF	Diesel Range Organics	30.04	N/A	Evelyn	RUPESH	1	C		3
Q3399-01MS	COMP-ROLLOFFMS	Diesel Range Organics	30.06	N/A	Evelyn	RUPESH	1	C		4
Q3399-01MSD	COMP-ROLLOFFMSD	Diesel Range Organics	30.07	N/A	Evelyn	RUPESH	1	C		5

RS 10/22

* **Extracts relinquished on the same date as received.**

1702047 10:08

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3399D **WorkList ID :** 192617 **Department :** Extraction **Date :** 10-22-2025 09:56:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Diesel Range Organics	Cool 4 deg C	ICES02	D41	10/20/2025	8015D

Date/Time 10/22/25 10:05
Raw Sample Received by: RS (Ext-lab)
Raw Sample Relinquished by: SM

Date/Time 10/22/25 10:15
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Bethpag

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-01	COMP-ROLLOFF	SOIL	Aluminum	1340		0.78	3.69	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Arsenic	1.65		0.18	0.74	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Barium	5.05		0.67	1.15	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Beryllium	0.12	J	0.023	0.069	0.28	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Calcium	294		10.3	23.1	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Chromium	3.09		0.043	0.12	0.46	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Cobalt	0.82	J	0.092	0.35	1.38	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Copper	3.38		0.20	0.74	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Iron	3200		3.68	3.69	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Lead	2.18		0.12	0.44	0.55	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Magnesium	207		11.1	23.1	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Manganese	70.6		0.13	0.23	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Nickel	1.55	J	0.12	0.46	1.85	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Potassium	151		25.6	73.8	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Sodium	597		16.4	73.8	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Vanadium	3.66		0.23	0.92	1.85	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Zinc	5.45		0.21	0.46	1.85	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1340		1	0.78	3.69	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-36-0	Antimony	0.58	UN	1	0.20	0.58	2.31	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-38-2	Arsenic	1.65	N	1	0.18	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-39-3	Barium	5.05		1	0.67	1.15	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-41-7	Beryllium	0.12	JN	1	0.023	0.069	0.28	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-43-9	Cadmium	0.069	U	1	0.022	0.069	0.28	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-70-2	Calcium	294	*	1	10.3	23.1	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-47-3	Chromium	3.09	N	1	0.043	0.12	0.46	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-48-4	Cobalt	0.82	J	1	0.092	0.35	1.38	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-50-8	Copper	3.38	N	1	0.20	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-89-6	Iron	3200		1	3.68	3.69	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-92-1	Lead	2.18	N	1	0.12	0.44	0.55	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-95-4	Magnesium	207		1	11.1	23.1	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-96-5	Manganese	70.6		1	0.13	0.23	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-97-6	Mercury	0.011	U*	1	0.0070	0.011	0.013	mg/Kg	10/23/25 10:22	10/23/25 14:22	7471B	7471B
7440-02-0	Nickel	1.55	J	1	0.12	0.46	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-09-7	Potassium	151	N	1	25.6	73.8	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7782-49-2	Selenium	0.74	UN	1	0.24	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-22-4	Silver	0.23	UN	1	0.11	0.23	0.46	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-23-5	Sodium	597	N	1	16.4	73.8	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-28-0	Thallium	0.92	UN	1	0.21	0.92	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-62-2	Vanadium	3.66	N	1	0.23	0.92	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-66-6	Zinc	5.45		1	0.21	0.46	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB85	Mercury	0.10	+/-0.2	J	0.16	0.20	CV	10/23/2025	13:57	LB137626

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB79	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	14:05	LB137626
CCB80	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	14:38	LB137626
CCB81	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	15:11	LB137626
CCB82	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	15:32	LB137626
CCB83	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	16:02	LB137626
CCB84	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	16:16	LB137626

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	12:50	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	12:50	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	12:50	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	12:50	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	12:50	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	12:50	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	12:50	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	12:50	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	12:50	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	12:50	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	12:50	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	12:50	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	12:50	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	12:50	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	12:50	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	12:50	LB137613

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	13:54	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	13:54	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	13:54	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	13:54	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	13:54	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	13:54	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	13:54	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	13:54	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	13:54	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	13:54	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	13:54	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	13:54	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	13:54	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	13:54	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	13:54	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	13:54	LB137613
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	15:07	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	15:07	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	15:07	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	15:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	15:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613
	Iron	36.0	+/-50	J	80.0	100	P	10/21/2025	15:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	15:07	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	15:07	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	15:07	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	15:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	15:07	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	15:07	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	15:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	15:07	LB137613
CCB03	Aluminum	41.4	+/-50	J	80.0	100	P	10/21/2025	16:00	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	16:00	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:00	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	16:00	LB137613
	Chromium	2.83	+/-5	J	5.00	10.0	P	10/21/2025	16:00	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	16:00	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Iron	43.3	+/-50	J	80.0	100	P	10/21/2025	16:00	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:00	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	16:00	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:00	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	16:00	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:00	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	16:00	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	16:00	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	16:00	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:00	LB137613
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	16:52	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	16:52	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:52	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	16:52	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	16:52	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	16:52	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:52	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	16:52	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:52	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	16:52	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	16:52	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	16:52	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	16:52	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:52	LB137613
CCB05	Aluminum	16.1	+/-50	J	80.0	100	P	10/21/2025	17:41	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	17:41	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	17:41	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	17:41	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	17:41	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	17:41	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	17:41	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	17:41	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	17:41	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	17:41	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	17:41	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	17:41	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	17:41	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	17:41	LB137613
CCB06	Aluminum	11.4	+/-50	J	80.0	100	P	10/21/2025	18:31	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	18:31	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	18:31	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	18:31	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	18:31	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	18:31	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	18:31	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	18:31	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	18:31	LB137613
	Potassium	956	+/-1000	J	1600	2000	P	10/21/2025	18:31	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Sodium	1000	+/-1000	J	1000	2000	P	10/21/2025	18:31	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	18:31	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	18:31	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	18:31	LB137613
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	19:22	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	19:22	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	19:22	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	19:22	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	19:22	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	19:22	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	19:22	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	19:22	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	19:22	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	19:22	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	19:22	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	19:22	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	19:22	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	19:22	LB137613
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	20:07	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	20:07	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	20:07	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	20:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	20:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	20:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	20:07	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	20:07	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	20:07	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	20:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	20:07	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	20:07	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	20:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	20:07	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.9	+/-50	J	80.0	100	P	10/23/2025	13:20	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	13:20	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:20	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	13:20	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	13:20	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Iron	25.5	+/-50	J	80.0	100	P	10/23/2025	13:20	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:20	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	13:20	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Nickel	6.19	+/-20	J	10.0	40.0	P	10/23/2025	13:20	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	13:20	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	13:20	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	13:20	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	13:20	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	13:20	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	13:57	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	13:57	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:57	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	13:57	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	13:57	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	13:57	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:57	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	13:57	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	13:57	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	13:57	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	13:57	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	13:57	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	13:57	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	13:57	LB137630
CCB02	Aluminum	22.6	+/-50	J	80.0	100	P	10/23/2025	15:08	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	15:08	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	15:08	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	15:08	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	15:08	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630
	Iron	34.2	+/-50	J	80.0	100	P	10/23/2025	15:08	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	15:08	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	15:08	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	15:08	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	15:08	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	15:08	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	15:08	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	15:08	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	15:08	LB137630
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	16:11	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	16:11	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:11	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	16:11	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	16:11	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	16:11	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:11	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	16:11	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	16:11	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	16:11	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	16:11	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	16:11	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	16:11	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	16:11	LB137630
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	16:47	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	16:47	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:47	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	16:47	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	16:47	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	16:47	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:47	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	16:47	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	16:47	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	16:47	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	16:47	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	16:47	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	16:47	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	16:47	LB137630
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	17:25	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	17:25	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	17:25	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	17:25	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	17:25	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	17:25	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	17:25	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	17:25	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	17:25	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	17:25	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	17:25	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	17:25	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	17:25	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	17:25	LB137630
CCB06	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	18:15	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	18:15	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	18:15	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	18:15	LB137630

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	18:15	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	18:15	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	18:15	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	18:15	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	18:15	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	18:15	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	18:15	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	18:15	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	18:15	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	18:15	LB137630
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	19:04	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	19:04	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:04	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	19:04	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	19:04	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	19:04	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:04	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	19:04	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	19:04	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	19:04	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	19:04	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	19:04	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	19:04	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	19:04	LB137630
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	19:52	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	19:52	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:52	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	19:52	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	19:52	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	19:52	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:52	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	19:52	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	19:52	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	19:52	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	19:52	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	19:52	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	19:52	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	19:52	LB137630
CCB09	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	20:43	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	20:43	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	20:43	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	20:43	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	20:43	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	20:43	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	20:43	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	20:43	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	20:43	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	20:43	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	20:43	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	20:43	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	20:43	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	20:43	LB137630
CCB10	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	21:34	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	21:34	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	21:34	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	21:34	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	21:34	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	21:34	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	21:34	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	21:34	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	21:34	LB137630
	Potassium	1010	+/-1000	J*	1600	2000	P	10/23/2025	21:34	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Sodium	1020	+/-1000	J*	1000	2000	P	10/23/2025	21:34	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	21:34	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	21:34	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	21:34	LB137630
CCB11	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	22:24	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	22:24	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:24	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	22:24	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	22:24	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	22:24	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:24	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	22:24	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	22:24	LB137630
	Potassium	6460	+/-1000	*	1600	2000	P	10/23/2025	22:24	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Sodium	10400	+/-1000	*	1000	2000	P	10/23/2025	22:24	LB137630
	Thallium	6.40	+/-20	J	20.0	40.0	P	10/23/2025	22:24	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	22:24	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	22:24	LB137630
CCB12	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	22:37	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	22:37	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:37	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	22:37	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	22:37	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	22:37	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:37	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	22:37	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	22:37	LB137630
	Potassium	4640	+/-1000	*	1600	2000	P	10/23/2025	22:37	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Sodium	7480	+/-1000	*	1000	2000	P	10/23/2025	22:37	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	22:37	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	22:37	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	22:37	LB137630

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170230BL		**SOLID**		**Batch Number:**		**PB170230**		**Prep Date:**	**10/23/2025**	
	Mercury	0.0080	<0.014	U	0.011	0.014	CV	10/23/2025	14:15	LB137626

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170190BL		**SOLID**		**Batch Number:**		**PB170190**		**Prep Date:**	**10/21/2025**	
	Aluminum	0.84	<2.5	U	4.00	5.00	P	10/23/2025	14:36	LB137630
	Antimony	0.22	<1.25	U	0.63	2.50	P	10/23/2025	14:36	LB137630
	Arsenic	0.19	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Barium	0.73	<2.5	U	1.25	5.00	P	10/23/2025	14:36	LB137630
	Beryllium	0.025	<0.15	U	0.075	0.30	P	10/23/2025	14:36	LB137630
	Cadmium	0.024	<0.15	U	0.075	0.30	P	10/23/2025	14:36	LB137630
	Calcium	11.1	<50	U	25.0	100	P	10/23/2025	14:36	LB137630
	Chromium	0.047	<0.25	U	0.13	0.50	P	10/23/2025	14:36	LB137630
	Cobalt	0.10	<0.75	U	0.38	1.50	P	10/23/2025	14:36	LB137630
	Copper	0.22	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Iron	3.99	<2.5	U	4.00	5.00	P	10/23/2025	14:36	LB137630
	Lead	0.13	<0.3	U	0.48	0.60	P	10/23/2025	14:36	LB137630
	Magnesium	12.0	<50	U	25.0	100	P	10/23/2025	14:36	LB137630
	Manganese	0.14	<0.5	U	0.25	1.00	P	10/23/2025	14:36	LB137630
	Nickel	0.13	<1	U	0.50	2.00	P	10/23/2025	14:36	LB137630
	Potassium	46.7	<50	J	80.0	100	P	10/23/2025	14:36	LB137630
	Selenium	0.26	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Silver	0.12	<0.25	U	0.25	0.50	P	10/23/2025	14:36	LB137630
	Sodium	33.0	<50	J	80.0	100	P	10/23/2025	14:36	LB137630
	Thallium	0.23	<1	U	1.00	2.00	P	10/23/2025	14:36	LB137630
	Vanadium	0.25	<1	U	1.00	2.00	P	10/23/2025	14:36	LB137630
	Zinc	0.23	<1	U	0.50	2.00	P	10/23/2025	14:36	LB137630

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV85	Mercury	4.26	4.0	106	90 - 110	CV	10/23/2025	13:51	LB137626

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV79	Mercury	4.94	5.0	99	90 - 110	CV	10/23/2025	14:01	LB137626
CCV80	Mercury	4.97	5.0	99	90 - 110	CV	10/23/2025	14:35	LB137626
CCV81	Mercury	4.86	5.0	97	90 - 110	CV	10/23/2025	15:09	LB137626
CCV82	Mercury	5.04	5.0	101	90 - 110	CV	10/23/2025	15:29	LB137626
CCV83	Mercury	4.68	5.0	94	90 - 110	CV	10/23/2025	15:59	LB137626
CCV84	Mercury	4.71	5.0	94	90 - 110	CV	10/23/2025	16:14	LB137626

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7550	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Antimony	3880	4000	97	90 - 110	P	10/21/2025	12:40	LB137613
	Arsenic	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Barium	7500	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Beryllium	194	200	97	90 - 110	P	10/21/2025	12:40	LB137613
	Cadmium	1890	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Calcium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Chromium	784	800	98	90 - 110	P	10/21/2025	12:40	LB137613
	Cobalt	1900	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Copper	976	1000	98	90 - 110	P	10/21/2025	12:40	LB137613
	Iron	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Lead	3700	4000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Magnesium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Manganese	1860	2000	93	90 - 110	P	10/21/2025	12:40	LB137613
	Nickel	1910	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Potassium	18900	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Selenium	3850	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Silver	956	1000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Sodium	18300	20000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Thallium	3840	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Vanadium	1880	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Zinc	1920	2000	96	90 - 110	P	10/21/2025	12:40	LB137613

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	10/21/2025	12:44	LB137613
	Antimony	52.1	50.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Arsenic	20.1	20.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Barium	95.0	100	95	80 - 120	P	10/21/2025	12:44	LB137613
	Beryllium	6.21	6.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Cadmium	5.68	6.0	95	80 - 120	P	10/21/2025	12:44	LB137613
	Calcium	1990	2000	100	80 - 120	P	10/21/2025	12:44	LB137613
	Chromium	9.98	10.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Cobalt	28.8	30.0	96	80 - 120	P	10/21/2025	12:44	LB137613
	Copper	21.5	20.0	107	80 - 120	P	10/21/2025	12:44	LB137613
	Iron	109	100	109	80 - 120	P	10/21/2025	12:44	LB137613
	Lead	11.0	12.0	92	80 - 120	P	10/21/2025	12:44	LB137613
	Magnesium	2060	2000	103	80 - 120	P	10/21/2025	12:44	LB137613
	Manganese	19.7	20.0	98	80 - 120	P	10/21/2025	12:44	LB137613
	Nickel	38.9	40.0	97	80 - 120	P	10/21/2025	12:44	LB137613
	Potassium	1980	2000	99	80 - 120	P	10/21/2025	12:44	LB137613
	Selenium	23.1	20.0	115	80 - 120	P	10/21/2025	12:44	LB137613
	Silver	10.3	10.0	103	80 - 120	P	10/21/2025	12:44	LB137613
	Sodium	1790	2000	90	80 - 120	P	10/21/2025	12:44	LB137613
	Thallium	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Vanadium	34.8	40.0	87	80 - 120	P	10/21/2025	12:44	LB137613
	Zinc	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9780	10000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Antimony	4830	5000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Barium	9660	10000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Beryllium	242	250	97	90 - 110	P	10/21/2025	13:45	LB137613
	Cadmium	2420	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Calcium	24200	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Chromium	976	1000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Cobalt	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	13:45	LB137613
	Iron	4750	5000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Lead	4800	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Magnesium	24300	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Nickel	2410	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Potassium	23800	25000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Selenium	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	13:45	LB137613
	Sodium	23900	25000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Thallium	5230	5000	104	90 - 110	P	10/21/2025	13:45	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
CCV02	Aluminum	9530	10000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Antimony	4980	5000	100	90 - 110	P	10/21/2025	15:03	LB137613
	Arsenic	4830	5000	97	90 - 110	P	10/21/2025	15:03	LB137613
	Barium	9800	10000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Beryllium	227	250	91	90 - 110	P	10/21/2025	15:03	LB137613
	Cadmium	2310	2500	92	90 - 110	P	10/21/2025	15:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Cobalt	2340	2500	94	90 - 110	P	10/21/2025	15:03	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Iron	4910	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Lead	4660	5000	93	90 - 110	P	10/21/2025	15:03	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23200	25000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	15:03	LB137613
	Potassium	24700	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Selenium	4920	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Sodium	24800	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Thallium	4950	5000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	15:03	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
CCV03	Aluminum	9580	10000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	15:56	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Barium	9710	10000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Beryllium	233	250	93	90 - 110	P	10/21/2025	15:56	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	15:56	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	15:56	LB137613
	Chromium	941	1000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Iron	4850	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Magnesium	23400	25000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:56	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Potassium	25200	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Sodium	25300	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Thallium	5060	5000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
	Zinc	2390	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
CCV04	Aluminum	9280	10000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Antimony	4870	5000	98	90 - 110	P	10/21/2025	16:48	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Barium	9490	10000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Beryllium	232	250	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cadmium	2300	2500	92	90 - 110	P	10/21/2025	16:48	LB137613
	Calcium	23200	25000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cobalt	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Copper	1190	1250	96	90 - 110	P	10/21/2025	16:48	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Lead	4640	5000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Magnesium	22900	25000	92	90 - 110	P	10/21/2025	16:48	LB137613
	Manganese	2350	2500	94	90 - 110	P	10/21/2025	16:48	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Selenium	4830	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	16:48	LB137613
	Sodium	24000	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Thallium	4900	5000	98	90 - 110	P	10/21/2025	16:48	LB137613
	Vanadium	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Zinc	2400	2500	96	90 - 110	P	10/21/2025	16:48	LB137613
CCV05	Aluminum	9540	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Antimony	5030	5000	101	90 - 110	P	10/21/2025	17:37	LB137613
	Arsenic	4900	5000	98	90 - 110	P	10/21/2025	17:37	LB137613
	Barium	9470	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	17:37	LB137613
	Cadmium	2370	2500	95	90 - 110	P	10/21/2025	17:37	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Chromium	964	1000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Cobalt	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	17:37	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	17:37	LB137613
	Lead	4780	5000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	17:37	LB137613
	Manganese	2360	2500	94	90 - 110	P	10/21/2025	17:37	LB137613

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Potassium	23700	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Selenium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	17:37	LB137613
	Sodium	23100	25000	92	90 - 110	P	10/21/2025	17:37	LB137613
	Thallium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	17:37	LB137613
CCV06	Aluminum	9220	10000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Barium	9370	10000	94	90 - 110	P	10/21/2025	18:27	LB137613
	Beryllium	226	250	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cadmium	2270	2500	91	90 - 110	P	10/21/2025	18:27	LB137613
	Calcium	23000	25000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Chromium	905	1000	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cobalt	2310	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Copper	1180	1250	95	90 - 110	P	10/21/2025	18:27	LB137613
	Iron	4730	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Lead	4610	5000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Magnesium	22800	25000	91	90 - 110	P	10/21/2025	18:27	LB137613
	Manganese	2330	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Nickel	2300	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	18:27	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Silver	1170	1250	94	90 - 110	P	10/21/2025	18:27	LB137613
	Sodium	24400	25000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Thallium	4850	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Vanadium	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Zinc	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
CCV07	Aluminum	9650	10000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	19:18	LB137613
	Arsenic	4770	5000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Barium	9640	10000	96	90 - 110	P	10/21/2025	19:18	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	236	250	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cadmium	2320	2500	93	90 - 110	P	10/21/2025	19:18	LB137613
	Calcium	24100	25000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Chromium	945	1000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cobalt	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Copper	1200	1250	96	90 - 110	P	10/21/2025	19:18	LB137613
	Iron	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Magnesium	23800	25000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	19:18	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Potassium	23500	25000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Selenium	4850	5000	97	90 - 110	P	10/21/2025	19:18	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	19:18	LB137613
	Sodium	22700	25000	91	90 - 110	P	10/21/2025	19:18	LB137613
	Thallium	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	19:18	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	19:18	LB137613
CCV08	Aluminum	9520	10000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Antimony	5000	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Arsenic	4850	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Barium	9610	10000	96	90 - 110	P	10/21/2025	20:03	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	20:03	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	20:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Chromium	915	1000	92	90 - 110	P	10/21/2025	20:03	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Copper	1210	1250	97	90 - 110	P	10/21/2025	20:03	LB137613
	Iron	4830	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Lead	4730	5000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Potassium	23100	25000	93	90 - 110	P	10/21/2025	20:03	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4970	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	20:03	LB137613
	Sodium	23300	25000	93	90 - 110	P	10/21/2025	20:03	LB137613
	Thallium	5050	5000	101	90 - 110	P	10/21/2025	20:03	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Zinc	2340	2500	94	90 - 110	P	10/21/2025	20:03	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7590	8000	95	90 - 110	P	10/23/2025	13:05	LB137630
	Antimony	3990	4000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Arsenic	3870	4000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Barium	7690	8000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Beryllium	195	200	98	90 - 110	P	10/23/2025	13:05	LB137630
	Cadmium	2050	2000	103	90 - 110	P	10/23/2025	13:05	LB137630
	Calcium	19200	20000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Chromium	800	800	100	90 - 110	P	10/23/2025	13:05	LB137630
	Cobalt	1940	2000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Copper	995	1000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Iron	3980	4000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Lead	3900	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Magnesium	19100	20000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Manganese	1920	2000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Nickel	1940	2000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Potassium	19500	20000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Selenium	3910	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Silver	1010	1000	101	90 - 110	P	10/23/2025	13:05	LB137630
	Sodium	18900	20000	94	90 - 110	P	10/23/2025	13:05	LB137630
	Thallium	3800	4000	95	90 - 110	P	10/23/2025	13:05	LB137630
	Vanadium	1920	2000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Zinc	1970	2000	99	90 - 110	P	10/23/2025	13:05	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	93.2	100	93	80 - 120	P	10/23/2025	13:14	LB137630
	Antimony	51.7	50.0	103	80 - 120	P	10/23/2025	13:14	LB137630
	Arsenic	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Barium	98.7	100	99	80 - 120	P	10/23/2025	13:14	LB137630
	Beryllium	6.48	6.0	108	80 - 120	P	10/23/2025	13:14	LB137630
	Cadmium	5.95	6.0	99	80 - 120	P	10/23/2025	13:14	LB137630
	Calcium	2070	2000	103	80 - 120	P	10/23/2025	13:14	LB137630
	Chromium	11.0	10.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Cobalt	29.9	30.0	100	80 - 120	P	10/23/2025	13:14	LB137630
	Copper	22.5	20.0	113	80 - 120	P	10/23/2025	13:14	LB137630
	Iron	108	100	108	80 - 120	P	10/23/2025	13:14	LB137630
	Lead	13.2	12.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Magnesium	2120	2000	106	80 - 120	P	10/23/2025	13:14	LB137630
	Manganese	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Nickel	39.8	40.0	100	80 - 120	P	10/23/2025	13:14	LB137630
	Potassium	2040	2000	102	80 - 120	P	10/23/2025	13:14	LB137630
	Selenium	23.6	20.0	118	80 - 120	P	10/23/2025	13:14	LB137630
	Silver	10.7	10.0	106	80 - 120	P	10/23/2025	13:14	LB137630
	Sodium	1890	2000	95	80 - 120	P	10/23/2025	13:14	LB137630
	Thallium	40.5	40.0	101	80 - 120	P	10/23/2025	13:14	LB137630
	Vanadium	36.3	40.0	91	80 - 120	P	10/23/2025	13:14	LB137630
	Zinc	43.5	40.0	109	80 - 120	P	10/23/2025	13:14	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Antimony	5270	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Arsenic	5250	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Barium	9900	10000	99	90 - 110	P	10/23/2025	13:52	LB137630
	Beryllium	260	250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Cadmium	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Calcium	25300	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Chromium	1060	1000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Cobalt	2570	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Iron	5110	5000	102	90 - 110	P	10/23/2025	13:52	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	13:52	LB137630
	Magnesium	25300	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Manganese	2480	2500	99	90 - 110	P	10/23/2025	13:52	LB137630
	Nickel	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Potassium	25200	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Selenium	5330	5000	107	90 - 110	P	10/23/2025	13:52	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Sodium	24300	25000	97	90 - 110	P	10/23/2025	13:52	LB137630
	Thallium	5300	5000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Vanadium	2530	2500	101	90 - 110	P	10/23/2025	13:52	LB137630
	Zinc	2620	2500	105	90 - 110	P	10/23/2025	13:52	LB137630
CCV02	Aluminum	10400	10000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Antimony	5160	5000	103	90 - 110	P	10/23/2025	15:04	LB137630
	Arsenic	5240	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Barium	10600	10000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Beryllium	274	250	110	90 - 110	P	10/23/2025	15:04	LB137630
	Cadmium	2630	2500	105	90 - 110	P	10/23/2025	15:04	LB137630
	Calcium	26200	25000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Chromium	1050	1000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Cobalt	2600	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Copper	1310	1250	105	90 - 110	P	10/23/2025	15:04	LB137630
	Iron	5060	5000	101	90 - 110	P	10/23/2025	15:04	LB137630
	Lead	5230	5000	105	90 - 110	P	10/23/2025	15:04	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Manganese	2650	2500	106	90 - 110	P	10/23/2025	15:04	LB137630
	Nickel	2610	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Potassium	25500	25000	102	90 - 110	P	10/23/2025	15:04	LB137630
	Selenium	5210	5000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	15:04	LB137630
	Sodium	25400	25000	102	90 - 110	P	10/23/2025	15:04	LB137630
	Thallium	5320	5000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Vanadium	2600	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Zinc	2610	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
CCV03	Aluminum	9770	10000	98	90 - 110	P	10/23/2025	15:56	LB137630
	Antimony	4840	5000	97	90 - 110	P	10/23/2025	15:56	LB137630
	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	15:56	LB137630
	Beryllium	265	250	106	90 - 110	P	10/23/2025	15:56	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	15:56	LB137630
	Calcium	24500	25000	98	90 - 110	P	10/23/2025	15:56	LB137630
	Chromium	1030	1000	103	90 - 110	P	10/23/2025	15:56	LB137630
	Cobalt	2470	2500	99	90 - 110	P	10/23/2025	15:56	LB137630
	Copper	1240	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
	Iron	4680	5000	94	90 - 110	P	10/23/2025	15:56	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Magnesium	24800	25000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Manganese	2420	2500	97	90 - 110	P	10/23/2025	15:56	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	15:56	LB137630
	Potassium	24800	25000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Selenium	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
	Sodium	25100	25000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Thallium	4720	5000	94	90 - 110	P	10/23/2025	15:56	LB137630
	Vanadium	2430	2500	97	90 - 110	P	10/23/2025	15:56	LB137630
	Zinc	2480	2500	99	90 - 110	P	10/23/2025	15:56	LB137630
CCV04	Aluminum	9680	10000	97	90 - 110	P	10/23/2025	16:43	LB137630
	Antimony	4830	5000	97	90 - 110	P	10/23/2025	16:43	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	16:43	LB137630
	Barium	9850	10000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Beryllium	266	250	106	90 - 110	P	10/23/2025	16:43	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	16:43	LB137630
	Calcium	24600	25000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Cobalt	2480	2500	99	90 - 110	P	10/23/2025	16:43	LB137630
	Copper	1240	1250	99	90 - 110	P	10/23/2025	16:43	LB137630
	Iron	4670	5000	93	90 - 110	P	10/23/2025	16:43	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Magnesium	24600	25000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Manganese	2470	2500	99	90 - 110	P	10/23/2025	16:43	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	16:43	LB137630
	Potassium	23500	25000	94	90 - 110	P	10/23/2025	16:43	LB137630
	Selenium	4920	5000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	16:43	LB137630
	Sodium	22800	25000	91	90 - 110	P	10/23/2025	16:43	LB137630
	Thallium	4760	5000	95	90 - 110	P	10/23/2025	16:43	LB137630
	Vanadium	2430	2500	97	90 - 110	P	10/23/2025	16:43	LB137630
	Zinc	2450	2500	98	90 - 110	P	10/23/2025	16:43	LB137630
CCV05	Aluminum	10200	10000	102	90 - 110	P	10/23/2025	17:21	LB137630
	Antimony	5070	5000	101	90 - 110	P	10/23/2025	17:21	LB137630
	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Barium	10300	10000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Beryllium	247	250	99	90 - 110	P	10/23/2025	17:21	LB137630
	Cadmium	2640	2500	105	90 - 110	P	10/23/2025	17:21	LB137630
	Calcium	25800	25000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Chromium	967	1000	97	90 - 110	P	10/23/2025	17:21	LB137630
	Cobalt	2590	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	17:21	LB137630
	Iron	4920	5000	98	90 - 110	P	10/23/2025	17:21	LB137630
	Lead	5250	5000	105	90 - 110	P	10/23/2025	17:21	LB137630
	Magnesium	25900	25000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Manganese	2580	2500	103	90 - 110	P	10/23/2025	17:21	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2610	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
	Potassium	25500	25000	102	90 - 110	P	10/23/2025	17:21	LB137630
	Selenium	5180	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Silver	1290	1250	103	90 - 110	P	10/23/2025	17:21	LB137630
	Sodium	25100	25000	101	90 - 110	P	10/23/2025	17:21	LB137630
	Thallium	4740	5000	95	90 - 110	P	10/23/2025	17:21	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	17:21	LB137630
	Zinc	2600	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
CCV06	Aluminum	10200	10000	102	90 - 110	P	10/23/2025	18:11	LB137630
	Antimony	5070	5000	101	90 - 110	P	10/23/2025	18:11	LB137630
	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Barium	10000	10000	100	90 - 110	P	10/23/2025	18:11	LB137630
	Beryllium	253	250	101	90 - 110	P	10/23/2025	18:11	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	18:11	LB137630
	Calcium	25700	25000	103	90 - 110	P	10/23/2025	18:11	LB137630
	Chromium	987	1000	99	90 - 110	P	10/23/2025	18:11	LB137630
	Cobalt	2610	2500	104	90 - 110	P	10/23/2025	18:11	LB137630
	Copper	1310	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
	Iron	4840	5000	97	90 - 110	P	10/23/2025	18:11	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	18:11	LB137630
	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Manganese	2530	2500	101	90 - 110	P	10/23/2025	18:11	LB137630
	Nickel	2630	2500	105	90 - 110	P	10/23/2025	18:11	LB137630
	Potassium	25300	25000	101	90 - 110	P	10/23/2025	18:11	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Silver	1320	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
	Sodium	23800	25000	95	90 - 110	P	10/23/2025	18:11	LB137630
	Thallium	4660	5000	93	90 - 110	P	10/23/2025	18:11	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	18:11	LB137630
	Zinc	2630	2500	105	90 - 110	P	10/23/2025	18:11	LB137630
CCV07	Aluminum	9840	10000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Antimony	4900	5000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Arsenic	5030	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	18:59	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	10/23/2025	18:59	LB137630
	Cadmium	2530	2500	101	90 - 110	P	10/23/2025	18:59	LB137630
	Calcium	24600	25000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Chromium	952	1000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Cobalt	2470	2500	99	90 - 110	P	10/23/2025	18:59	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	18:59	LB137630
	Iron	4710	5000	94	90 - 110	P	10/23/2025	18:59	LB137630
	Lead	5060	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Magnesium	25100	25000	100	90 - 110	P	10/23/2025	18:59	LB137630
	Manganese	2430	2500	97	90 - 110	P	10/23/2025	18:59	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	18:59	LB137630
	Potassium	23800	25000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Selenium	5090	5000	102	90 - 110	P	10/23/2025	18:59	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	18:59	LB137630
	Sodium	22700	25000	91	90 - 110	P	10/23/2025	18:59	LB137630
	Thallium	4530	5000	90	90 - 110	P	10/23/2025	18:59	LB137630
	Vanadium	2460	2500	98	90 - 110	P	10/23/2025	18:59	LB137630
	Zinc	2550	2500	102	90 - 110	P	10/23/2025	18:59	LB137630
CCV08	Aluminum	10300	10000	103	90 - 110	P	10/23/2025	19:48	LB137630
	Antimony	5040	5000	101	90 - 110	P	10/23/2025	19:48	LB137630
	Arsenic	5200	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Barium	9920	10000	99	90 - 110	P	10/23/2025	19:48	LB137630
	Beryllium	254	250	102	90 - 110	P	10/23/2025	19:48	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	19:48	LB137630
	Calcium	25600	25000	102	90 - 110	P	10/23/2025	19:48	LB137630
	Chromium	999	1000	100	90 - 110	P	10/23/2025	19:48	LB137630
	Cobalt	2600	2500	104	90 - 110	P	10/23/2025	19:48	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
	Iron	4770	5000	96	90 - 110	P	10/23/2025	19:48	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	19:48	LB137630
	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Manganese	2520	2500	101	90 - 110	P	10/23/2025	19:48	LB137630
	Nickel	2620	2500	105	90 - 110	P	10/23/2025	19:48	LB137630
	Potassium	24000	25000	96	90 - 110	P	10/23/2025	19:48	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5190	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
	Sodium	23100	25000	92	90 - 110	P	10/23/2025	19:48	LB137630
	Thallium	4630	5000	93	90 - 110	P	10/23/2025	19:48	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	19:48	LB137630
	Zinc	2610	2500	104	90 - 110	P	10/23/2025	19:48	LB137630
CCV09	Aluminum	10300	10000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Antimony	5140	5000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Arsenic	5320	5000	106	90 - 110	P	10/23/2025	20:39	LB137630
	Barium	9990	10000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Beryllium	260	250	104	90 - 110	P	10/23/2025	20:39	LB137630
	Cadmium	2690	2500	108	90 - 110	P	10/23/2025	20:39	LB137630
	Calcium	25700	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Cobalt	2630	2500	105	90 - 110	P	10/23/2025	20:39	LB137630
	Copper	1320	1250	105	90 - 110	P	10/23/2025	20:39	LB137630
	Iron	4850	5000	97	90 - 110	P	10/23/2025	20:39	LB137630
	Lead	5380	5000	108	90 - 110	P	10/23/2025	20:39	LB137630
	Magnesium	26300	25000	105	90 - 110	P	10/23/2025	20:39	LB137630
	Manganese	2540	2500	102	90 - 110	P	10/23/2025	20:39	LB137630
	Nickel	2650	2500	106	90 - 110	P	10/23/2025	20:39	LB137630
	Potassium	25600	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Selenium	5360	5000	107	90 - 110	P	10/23/2025	20:39	LB137630
	Silver	1320	1250	106	90 - 110	P	10/23/2025	20:39	LB137630
	Sodium	25700	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Thallium	4940	5000	99	90 - 110	P	10/23/2025	20:39	LB137630
	Vanadium	2570	2500	103	90 - 110	P	10/23/2025	20:39	LB137630
	Zinc	2650	2500	106	90 - 110	P	10/23/2025	20:39	LB137630
CCV10	Aluminum	9720	10000	97	90 - 110	P	10/23/2025	21:30	LB137630
	Antimony	4820	5000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Arsenic	5010	5000	100	90 - 110	P	10/23/2025	21:30	LB137630
	Barium	9490	10000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Beryllium	254	250	102	90 - 110	P	10/23/2025	21:30	LB137630
	Cadmium	2570	2500	103	90 - 110	P	10/23/2025	21:30	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24700	25000	99	90 - 110	P	10/23/2025	21:30	LB137630
	Chromium	962	1000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Cobalt	2490	2500	100	90 - 110	P	10/23/2025	21:30	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	21:30	LB137630
	Iron	4660	5000	93	90 - 110	P	10/23/2025	21:30	LB137630
	Lead	5110	5000	102	90 - 110	P	10/23/2025	21:30	LB137630
	Magnesium	25400	25000	102	90 - 110	P	10/23/2025	21:30	LB137630
	Manganese	2430	2500	97	90 - 110	P	10/23/2025	21:30	LB137630
	Nickel	2510	2500	100	90 - 110	P	10/23/2025	21:30	LB137630
	Potassium	24400	25000	98	90 - 110	P	10/23/2025	21:30	LB137630
	Selenium	5040	5000	101	90 - 110	P	10/23/2025	21:30	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	21:30	LB137630
	Sodium	23700	25000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Thallium	4830	5000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Vanadium	2460	2500	99	90 - 110	P	10/23/2025	21:30	LB137630
	Zinc	2530	2500	101	90 - 110	P	10/23/2025	21:30	LB137630
CCV11	Aluminum	9500	10000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Antimony	4720	5000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Arsenic	4980	5000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Barium	9350	10000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Beryllium	268	250	107	90 - 110	P	10/23/2025	22:20	LB137630
	Cadmium	2590	2500	104	90 - 110	P	10/23/2025	22:20	LB137630
	Calcium	24300	25000	97	90 - 110	P	10/23/2025	22:20	LB137630
	Chromium	951	1000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Cobalt	2490	2500	100	90 - 110	P	10/23/2025	22:20	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	22:20	LB137630
	Iron	4390	5000	88	90 - 110	P	10/23/2025	22:20	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	22:20	LB137630
	Magnesium	25100	25000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Manganese	2420	2500	97	90 - 110	P	10/23/2025	22:20	LB137630
	Nickel	2530	2500	101	90 - 110	P	10/23/2025	22:20	LB137630
	Potassium	28300	25000	113	90 - 110	P	10/23/2025	22:20	LB137630
	Selenium	4940	5000	99	90 - 110	P	10/23/2025	22:20	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	22:20	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	32800	25000	131	90 - 110	P	10/23/2025	22:20	LB137630
	Thallium	4440	5000	89	90 - 110	P	10/23/2025	22:20	LB137630
	Vanadium	2410	2500	96	90 - 110	P	10/23/2025	22:20	LB137630
	Zinc	2450	2500	98	90 - 110	P	10/23/2025	22:20	LB137630
CCV12	Aluminum	9290	10000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Antimony	4660	5000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Arsenic	4920	5000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Barium	9070	10000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Beryllium	258	250	103	90 - 110	P	10/23/2025	22:33	LB137630
	Cadmium	2540	2500	102	90 - 110	P	10/23/2025	22:33	LB137630
	Calcium	23700	25000	95	90 - 110	P	10/23/2025	22:33	LB137630
	Chromium	932	1000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Cobalt	2440	2500	98	90 - 110	P	10/23/2025	22:33	LB137630
	Copper	1230	1250	98	90 - 110	P	10/23/2025	22:33	LB137630
	Iron	4220	5000	84	90 - 110	P	10/23/2025	22:33	LB137630
	Lead	5070	5000	101	90 - 110	P	10/23/2025	22:33	LB137630
	Magnesium	24500	25000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Manganese	2350	2500	94	90 - 110	P	10/23/2025	22:33	LB137630
	Nickel	2470	2500	99	90 - 110	P	10/23/2025	22:33	LB137630
	Potassium	27000	25000	108	90 - 110	P	10/23/2025	22:33	LB137630
	Selenium	4930	5000	99	90 - 110	P	10/23/2025	22:33	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	22:33	LB137630
	Sodium	30000	25000	120	90 - 110	P	10/23/2025	22:33	LB137630
	Thallium	4550	5000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Vanadium	2360	2500	94	90 - 110	P	10/23/2025	22:33	LB137630
	Zinc	2410	2500	96	90 - 110	P	10/23/2025	22:33	LB137630

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Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	110	100	110	65 - 135	P	10/21/2025	12:54	LB137613
	Antimony	49.9	50.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Arsenic	22.2	20.0	111	65 - 135	P	10/21/2025	12:54	LB137613
	Barium	98.1	100	98	65 - 135	P	10/21/2025	12:54	LB137613
	Beryllium	6.23	6.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Cadmium	5.59	6.0	93	65 - 135	P	10/21/2025	12:54	LB137613
	Calcium	2030	2000	101	65 - 135	P	10/21/2025	12:54	LB137613
	Chromium	9.94	10.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Cobalt	28.8	30.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Copper	21.6	20.0	108	65 - 135	P	10/21/2025	12:54	LB137613
	Iron	107	100	107	65 - 135	P	10/21/2025	12:54	LB137613
	Lead	11.9	12.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Magnesium	2090	2000	105	65 - 135	P	10/21/2025	12:54	LB137613
	Manganese	20.9	20.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Nickel	38.6	40.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Potassium	1860	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Selenium	24.3	20.0	121	65 - 135	P	10/21/2025	12:54	LB137613
	Silver	9.95	10.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Sodium	1870	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Thallium	42.8	40.0	107	65 - 135	P	10/21/2025	12:54	LB137613
	Vanadium	35.6	40.0	89	65 - 135	P	10/21/2025	12:54	LB137613
	Zinc	41.9	40.0	105	65 - 135	P	10/21/2025	12:54	LB137613
CRI01	Aluminum	93.3	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Antimony	49.0	50.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Arsenic	22.0	20.0	110	65 - 135	P	10/23/2025	13:24	LB137630
	Barium	92.8	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Beryllium	6.41	6.0	107	65 - 135	P	10/23/2025	13:24	LB137630
	Cadmium	5.69	6.0	95	65 - 135	P	10/23/2025	13:24	LB137630
	Calcium	2050	2000	103	65 - 135	P	10/23/2025	13:24	LB137630
	Chromium	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Cobalt	28.9	30.0	96	65 - 135	P	10/23/2025	13:24	LB137630
	Copper	21.1	20.0	106	65 - 135	P	10/23/2025	13:24	LB137630
	Iron	109	100	108	65 - 135	P	10/23/2025	13:24	LB137630
	Lead	10.8	12.0	90	65 - 135	P	10/23/2025	13:24	LB137630
	Magnesium	2100	2000	105	65 - 135	P	10/23/2025	13:24	LB137630
	Manganese	20.7	20.0	104	65 - 135	P	10/23/2025	13:24	LB137630

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Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Nickel	38.9	40.0	97	65 - 135	P	10/23/2025	13:24	LB137630
	Potassium	1910	2000	95	65 - 135	P	10/23/2025	13:24	LB137630
	Selenium	19.5	20.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Silver	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Sodium	1820	2000	91	65 - 135	P	10/23/2025	13:24	LB137630
	Thallium	42.0	40.0	105	65 - 135	P	10/23/2025	13:24	LB137630
	Vanadium	37.3	40.0	93	65 - 135	P	10/23/2025	13:24	LB137630
	Zinc	42.6	40.0	106	65 - 135	P	10/23/2025	13:24	LB137630
CRA	Mercury	0.20	0.2	100	70 - 130	CV	10/23/2025	14:07	LB137626

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Antimony	-1.70			-50	50	10/21/2025	12:59	LB137613
	Arsenic	7.43			-20	20	10/21/2025	12:59	LB137613
	Barium	0.21	6.0	4	-94	106	10/21/2025	12:59	LB137613
	Beryllium	1.68			-6	6	10/21/2025	12:59	LB137613
	Cadmium	1.42	1.0	142	-5	7	10/21/2025	12:59	LB137613
	Calcium	219000	245000	89	208000	282000	10/21/2025	12:59	LB137613
	Chromium	43.7	52.0	84	42	62	10/21/2025	12:59	LB137613
	Cobalt	1.87			-30	30	10/21/2025	12:59	LB137613
	Copper	17.8	2.0	890	-18	22	10/21/2025	12:59	LB137613
	Iron	91400	101000	90	85600	116500	10/21/2025	12:59	LB137613
	Lead	-3.56			-12	12	10/21/2025	12:59	LB137613
	Magnesium	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Manganese	5.70	7.0	81	-13	27	10/21/2025	12:59	LB137613
	Nickel	3.80	2.0	190	-38	42	10/21/2025	12:59	LB137613
	Potassium	251			0	0	10/21/2025	12:59	LB137613
	Selenium	6.37			-20	20	10/21/2025	12:59	LB137613
	Silver	-2.89			-10	10	10/21/2025	12:59	LB137613
	Sodium	51.5			0	0	10/21/2025	12:59	LB137613
	Thallium	15.4			-40	40	10/21/2025	12:59	LB137613
	Vanadium	3.58			-40	40	10/21/2025	12:59	LB137613
	Zinc	3.44			-40	40	10/21/2025	12:59	LB137613
ICSAB01	Aluminum	242000	247000	98	209000	285000	10/21/2025	13:03	LB137613
	Antimony	578	618	94	525	711	10/21/2025	13:03	LB137613
	Arsenic	103	104	99	88.4	120	10/21/2025	13:03	LB137613
	Barium	471	537	88	437	637	10/21/2025	13:03	LB137613
	Beryllium	498	495	101	420	570	10/21/2025	13:03	LB137613
	Cadmium	974	972	100	826	1120	10/21/2025	13:03	LB137613
	Calcium	228000	235000	97	199000	271000	10/21/2025	13:03	LB137613
	Chromium	536	542	99	460	624	10/21/2025	13:03	LB137613
	Cobalt	490	476	103	404	548	10/21/2025	13:03	LB137613
	Copper	479	511	94	434	588	10/21/2025	13:03	LB137613
	Iron	97500	99300	98	84400	114500	10/21/2025	13:03	LB137613
	Lead	45.8	49.0	94	37	61	10/21/2025	13:03	LB137613
	Magnesium	242000	248000	98	210000	286000	10/21/2025	13:03	LB137613
	Manganese	469	507	92	430	584	10/21/2025	13:03	LB137613
	Nickel	973	954	102	810	1100	10/21/2025	13:03	LB137613
	Potassium	242			0	0	10/21/2025	13:03	LB137613
	Selenium	55.1	46.0	120	26	66	10/21/2025	13:03	LB137613
	Silver	203	201	101	170	232	10/21/2025	13:03	LB137613
	Sodium	95.7			0	0	10/21/2025	13:03	LB137613
	Thallium	110	108	102	68	148	10/21/2025	13:03	LB137613

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	469	491	96	417	565	10/21/2025	13:03	LB137613
	Zinc	1020	952	107	809	1095	10/21/2025	13:03	LB137613
ICSA01	Aluminum	245000	255000	96	216000	294000	10/23/2025	13:28	LB137630
	Antimony	-3.70			-50	50	10/23/2025	13:28	LB137630
	Arsenic	8.83			-20	20	10/23/2025	13:28	LB137630
	Barium	2.45	6.0	41	-94	106	10/23/2025	13:28	LB137630
	Beryllium	1.83			-6	6	10/23/2025	13:28	LB137630
	Cadmium	-0.071	1.0	7	-5	7	10/23/2025	13:28	LB137630
	Calcium	236000	245000	96	208000	282000	10/23/2025	13:28	LB137630
	Chromium	48.5	52.0	93	42	62	10/23/2025	13:28	LB137630
	Cobalt	1.92			-30	30	10/23/2025	13:28	LB137630
	Copper	12.3	2.0	615	-18	22	10/23/2025	13:28	LB137630
	Iron	103000	101000	102	85600	116500	10/23/2025	13:28	LB137630
	Lead	-2.09			-12	12	10/23/2025	13:28	LB137630
	Magnesium	249000	255000	98	216000	294000	10/23/2025	13:28	LB137630
	Manganese	6.48	7.0	93	-13	27	10/23/2025	13:28	LB137630
	Nickel	3.96	2.0	198	-38	42	10/23/2025	13:28	LB137630
	Potassium	163			0	0	10/23/2025	13:28	LB137630
	Selenium	4.51			-20	20	10/23/2025	13:28	LB137630
	Silver	-2.45			-10	10	10/23/2025	13:28	LB137630
	Sodium	130			0	0	10/23/2025	13:28	LB137630
	Thallium	13.1			-40	40	10/23/2025	13:28	LB137630
	Vanadium	-0.28			-40	40	10/23/2025	13:28	LB137630
	Zinc	3.55			-40	40	10/23/2025	13:28	LB137630
ICSAB01	Aluminum	243000	247000	98	209000	285000	10/23/2025	13:39	LB137630
	Antimony	593	618	96	525	711	10/23/2025	13:39	LB137630
	Arsenic	107	104	103	88.4	120	10/23/2025	13:39	LB137630
	Barium	483	537	90	437	637	10/23/2025	13:39	LB137630
	Beryllium	511	495	103	420	570	10/23/2025	13:39	LB137630
	Cadmium	994	972	102	826	1120	10/23/2025	13:39	LB137630
	Calcium	233000	235000	99	199000	271000	10/23/2025	13:39	LB137630
	Chromium	550	542	102	460	624	10/23/2025	13:39	LB137630
	Cobalt	499	476	105	404	548	10/23/2025	13:39	LB137630
	Copper	485	511	95	434	588	10/23/2025	13:39	LB137630
	Iron	101000	99300	102	84400	114500	10/23/2025	13:39	LB137630
	Lead	46.0	49.0	94	37	61	10/23/2025	13:39	LB137630
	Magnesium	246000	248000	99	210000	286000	10/23/2025	13:39	LB137630
	Manganese	489	507	96	430	584	10/23/2025	13:39	LB137630
	Nickel	993	954	104	810	1100	10/23/2025	13:39	LB137630
	Potassium	-86.3			0	0	10/23/2025	13:39	LB137630
	Selenium	55.7	46.0	121	26	66	10/23/2025	13:39	LB137630
	Silver	206	201	102	170	232	10/23/2025	13:39	LB137630

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	46.8			0	0	10/23/2025	13:39	LB137630
	Thallium	119	108	110	68	148	10/23/2025	13:39	LB137630
	Vanadium	479	491	98	417	565	10/23/2025	13:39	LB137630
	Zinc	1030	952	108	809	1095	10/23/2025	13:39	LB137630

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3412-01 **client id:** TP-6MS

Percent Solids for Sample: 89.7 **Spiked ID:** Q3412-01MS **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	7390		6670		100	722		P
Antimony	mg/Kg	79 - 114	11.4		2.28	U	40.0	28	N	P
Arsenic	mg/Kg	82 - 111	31.6		3.15		40.0	71	N	P
Barium	mg/Kg	83 - 113	58.8		51.4		10.0	73		P
Beryllium	mg/Kg	83 - 113	8.07		1.04		10.0	70	N	P
Cadmium	mg/Kg	82 - 113	9.53		0.21	J	10.0	93		P
Calcium	mg/Kg	81 - 116	1730		1720		50.0	18		P
Chromium	mg/Kg	85 - 113	23.7		9.49		20.0	71	N	P
Cobalt	mg/Kg	85 - 112	17.6		8.76		10.0	88		P
Copper	mg/Kg	81 - 117	36.9		28.4		15.0	57	N	P
Iron	mg/Kg	81 - 118	14100		15300		150	-782		P
Lead	mg/Kg	81 - 112	79.8		67.0		50.0	26	N	P
Magnesium	mg/Kg	78 - 115	3560		3280		100	288		P
Manganese	mg/Kg	84 - 114	385		385		10.0	-1		P
Nickel	mg/Kg	83 - 113	40.8		18.2		25.0	91		P
Potassium	mg/Kg	81 - 116	1560		1110		500	90		P
Selenium	mg/Kg	78 - 111	67.1		0.91	U	100	67	N	P
Silver	mg/Kg	82 - 112	2.30		0.46	U	3.7	62	N	P
Sodium	mg/Kg	83 - 118	593		534		150	39	N	P
Thallium	mg/Kg	83 - 111	78.7		1.83	U	100	79	N	P
Vanadium	mg/Kg	82 - 114	27.8		17.3		15.0	70	N	P
Zinc	mg/Kg	82 - 113	51.0		43.1		10.0	79		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3412-01 **client id:** TP-6MSD

Percent Solids for Sample: 89.7 **Spiked ID:** Q3412-01MSD **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	7480		6670		97.4	838		P
Antimony	mg/Kg	79 - 114	12.2		2.28	U	38.9	31	N	P
Arsenic	mg/Kg	82 - 111	31.8		3.15		38.9	74	N	P
Barium	mg/Kg	83 - 113	65.3		51.4		9.7	143		P
Beryllium	mg/Kg	83 - 113	8.23		1.04		9.7	74	N	P
Cadmium	mg/Kg	82 - 113	9.87		0.21	J	9.7	100		P
Calcium	mg/Kg	81 - 116	3150		1720		48.7	2930		P
Chromium	mg/Kg	85 - 113	24.3		9.49		19.5	76	N	P
Cobalt	mg/Kg	85 - 112	18.5		8.76		9.7	101		P
Copper	mg/Kg	81 - 117	42.0		28.4		14.6	93		P
Iron	mg/Kg	81 - 118	14700		15300		150	-420		P
Lead	mg/Kg	81 - 112	89.2		67.0		48.7	46	N	P
Magnesium	mg/Kg	78 - 115	3500		3280		97.4	233		P
Manganese	mg/Kg	84 - 114	428		385		9.7	443		P
Nickel	mg/Kg	83 - 113	42.3		18.2		24.3	99		P
Potassium	mg/Kg	81 - 116	1480		1110		490	75	N	P
Selenium	mg/Kg	78 - 111	66.6		0.91	U	97.4	68	N	P
Silver	mg/Kg	82 - 112	2.17		0.46	U	3.7	59	N	P
Sodium	mg/Kg	83 - 118	579		534		150	30	N	P
Thallium	mg/Kg	83 - 111	82.9		1.83	U	97.4	85		P
Vanadium	mg/Kg	82 - 114	28.6		17.3		14.6	77	N	P
Zinc	mg/Kg	82 - 113	52.1		43.1		9.7	93		P

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metals
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MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3419-01 **client id:** PR-132-S16-015094-20251021MS

Percent Solids for Sample: 54.4 **Spiked ID:** Q3419-02 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	2.53	D	2.62	D	0.43	-20		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3419-01 **client id:** PR-132-S16-015094-20251021MSD

Percent Solids for Sample: 54.4 **Spiked ID:** Q3419-03 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	2.62	D	2.62	D	0.48	0		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** TP-6A

Sample ID: Q3412-01 **Spiked ID:** Q3412-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	27.9		2.28	U	36.6	76	N	P
Arsenic	mg/Kg	82 - 111	32.1		3.15		36.6	79	N	P
Beryllium	mg/Kg	83 - 113	8.31		1.04		9.10	80	N	P
Chromium	mg/Kg	85 - 113	23.6		9.49		18.3	77	N	P
Copper	mg/Kg	81 - 117	38.2		28.4		13.7	71	N	P
Lead	mg/Kg	81 - 112	102		67.0		45.7	78	N	P
Potassium	mg/Kg	81 - 116	1350		1110		460	52	N	P
Selenium	mg/Kg	78 - 111	71.7		0.91	U	91.4	78		P
Silver	mg/Kg	82 - 112	2.18		0.46	U	3.40	64	N	P
Sodium	mg/Kg	83 - 118	508		534		140	-19	N	P
Thallium	mg/Kg	83 - 111	78.0		1.83	U	91.4	85		P
Vanadium	mg/Kg	82 - 114	27.8		17.3		13.7	76	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3412-01 **Client ID:** TP-6DUP

Percent Solids for Sample: 89.7 **Duplicate ID** Q3412-01DUP **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6670		7260		8		P
Antimony	mg/Kg	20	2.28	U	2.51	U			P
Arsenic	mg/Kg	20	3.15		3.54		12		P
Barium	mg/Kg	20	51.4		55.8		8		P
Beryllium	mg/Kg	20	1.04		1.13		8		P
Cadmium	mg/Kg	20	0.21	J	0.23	J	10		P
Calcium	mg/Kg	20	1720		1880		9		P
Chromium	mg/Kg	20	9.49		10.5		10		P
Cobalt	mg/Kg	20	8.76		9.67		10		P
Copper	mg/Kg	20	28.4		31.3		10		P
Iron	mg/Kg	20	15300		16700		9		P
Lead	mg/Kg	20	67.0		73.1		9		P
Magnesium	mg/Kg	20	3280		3560		8		P
Manganese	mg/Kg	20	385		418		8		P
Nickel	mg/Kg	20	18.2		20.0		9		P
Potassium	mg/Kg	20	1110		1200		8		P
Selenium	mg/Kg	20	0.91	U	1.00	U			P
Silver	mg/Kg	20	0.46	U	0.50	U			P
Sodium	mg/Kg	20	534		525		2		P
Thallium	mg/Kg	20	1.83	U	2.01	U			P
Vanadium	mg/Kg	20	17.3		19.0		9		P
Zinc	mg/Kg	20	43.1		47.2		9		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3412-01MS **Client ID:** TP-6MSD

Percent Solids for Sample: 89.7 **Duplicate ID** Q3412-01MSD **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7390		7480		1		P
Antimony	mg/Kg	20	11.4		12.2		7		P
Arsenic	mg/Kg	20	31.6		31.8		1		P
Barium	mg/Kg	20	58.8		65.3		10		P
Beryllium	mg/Kg	20	8.07		8.23		2		P
Cadmium	mg/Kg	20	9.53		9.87		4		P
Calcium	mg/Kg	20	1730		3150		58	*	P
Chromium	mg/Kg	20	23.7		24.3		3		P
Cobalt	mg/Kg	20	17.6		18.5		5		P
Copper	mg/Kg	20	36.9		42.0		13		P
Iron	mg/Kg	20	14100		14700		4		P
Lead	mg/Kg	20	79.8		89.2		11		P
Magnesium	mg/Kg	20	3560		3500		2		P
Manganese	mg/Kg	20	385		428		11		P
Nickel	mg/Kg	20	40.8		42.3		4		P
Potassium	mg/Kg	20	1560		1480		5		P
Selenium	mg/Kg	20	67.1		66.6		1		P
Silver	mg/Kg	20	2.30		2.17		6		P
Sodium	mg/Kg	20	593		579		2		P
Thallium	mg/Kg	20	78.7		82.9		5		P
Vanadium	mg/Kg	20	27.8		28.6		3		P
Zinc	mg/Kg	20	51.0		52.1		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3419-01 **Client ID:** PR-132-S16-015094-20251021DUP

Percent Solids for Sample: 54.4 **Duplicate ID** Q3419-01DUP **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.62	D	1.92	D	31	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3419-02 **Client ID:** PR-132-S16-015094-20251021MSD

Percent Solids for Sample: 54.4 **Duplicate ID** Q3419-03 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.53	D	2.62	D	3		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170190BS							
Aluminum	mg/Kg	100	91.8		92	74 - 119	P
Antimony	mg/Kg	40.0	36.5		91	79 - 114	P
Arsenic	mg/Kg	40.0	35.8		90	82 - 111	P
Barium	mg/Kg	10.0	9.00		90	83 - 113	P
Beryllium	mg/Kg	10.0	9.68		97	83 - 113	P
Cadmium	mg/Kg	10.0	8.59		86	82 - 113	P
Calcium	mg/Kg	50.0	47.0	J	94	81 - 116	P
Chromium	mg/Kg	20.0	18.4		92	85 - 113	P
Cobalt	mg/Kg	10.0	8.79		88	85 - 112	P
Copper	mg/Kg	15.0	14.1		94	81 - 117	P
Iron	mg/Kg	150	133		89	81 - 118	P
Lead	mg/Kg	50.0	42.9		86	81 - 112	P
Magnesium	mg/Kg	100	92.5	J	92	78 - 115	P
Manganese	mg/Kg	10.0	9.46		95	84 - 114	P
Nickel	mg/Kg	25.0	22.0		88	83 - 113	P
Potassium	mg/Kg	500	468		94	81 - 116	P
Selenium	mg/Kg	100	90.1		90	78 - 111	P
Silver	mg/Kg	3.8	3.28		86	82 - 112	P
Sodium	mg/Kg	150	157		105	83 - 118	P
Thallium	mg/Kg	100	88.1		88	83 - 111	P
Vanadium	mg/Kg	15.0	13.7		91	82 - 114	P
Zinc	mg/Kg	10.0	9.26		93	82 - 113	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170230BS							
Mercury	mg/Kg	0.28	0.26		91	80 - 124	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-6L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137630 **Lab Sample ID :** Q3412-01L **SDG No.:** Q3399

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	6670		7280		9		P
Antimony	2.28	U	11.4	U			P
Arsenic	3.15		3.40	J	8		P
Barium	51.4		57.9		13		P
Beryllium	1.04		1.16	J	12		P
Cadmium	0.21	J	1.37	U	100.0		P
Calcium	1720		1960		14		P
Chromium	9.49		11.1		17		P
Cobalt	8.76		7.93		9		P
Copper	28.4		33.8		19		P
Iron	15300		16300		6		P
Lead	67.0		56.2		16		P
Magnesium	3280		3610		10		P
Manganese	385		443		15		P
Nickel	18.2		16.4		10		P
Potassium	1110		1200		8		P
Selenium	0.91	U	4.57	U			P
Silver	0.46	U	2.28	U			P
Sodium	534		561		5		P
Thallium	1.83	U	1.07	J	100.0		P
Vanadium	17.3		19.4		12		P
Zinc	43.1		48.0		11		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

PR-132-S16-015094-20251021L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137626 **Lab Sample ID :** Q3419-01L **SDG No.:** Q3399

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	2.13	OR	2.26		6		CV

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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137613

Start date: 10/21/2025 **End date:** 10/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1259	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1648	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1652	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1737	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1831	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3399-01	COMP-ROLLOFF	1	1901	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2003	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2007	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137626

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1331	HG
S0.2	S0.2	1	1334	HG
S2.5	S2.5	1	1336	HG
S5	S5	1	1339	HG
S7.5	S7.5	1	1341	HG
S10	S10	1	1347	HG
ICV85	ICV85	1	1351	HG
ICB85	ICB85	1	1357	HG
CCV79	CCV79	1	1401	HG
CCB79	CCB79	1	1405	HG
CRA	CRA	1	1407	HG
PB170230BL	PB170230BL	1	1415	HG
PB170230BS	PB170230BS	1	1420	HG
Q3399-01	COMP-ROLLOFF	1	1422	HG
CCV80	CCV80	1	1435	HG
CCB80	CCB80	1	1438	HG
CCV81	CCV81	1	1509	HG
CCB81	CCB81	1	1511	HG
Q3419-01L	PR-132-S16-015094-20251021L	5	1521	HG
CCV82	CCV82	1	1529	HG
CCB82	CCB82	1	1532	HG
Q3419-01DUP	PR-132-S16-015094-20251021D	10	1537	HG
Q3419-02	PR-132-S16-015094-20251021M	10	1539	HG
Q3419-03	PR-132-S16-015094-20251021M	10	1542	HG
CCV83	CCV83	1	1559	HG
CCB83	CCB83	1	1602	HG
CCV84	CCV84	1	1614	HG
CCB84	CCB84	1	1616	HG

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1245	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1253	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1314	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1324	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1339	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1352	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170190BS	PB170190BS	1	1423	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170190BL	PB170190BL	1	1436	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1508	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1611	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1721	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1725	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01DUP	TP-6DUP	1	1807	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1811	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1815	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01L	TP-6L	5	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01MS	TP-6MS	1	1823	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01MSD	TP-6MSD	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01A	TP-6A	1	1831	Ag,As,Be,Cr,Cu,K,Na,Pb,Sb,Se,Tl,V
CCV07	CCV07	1	1859	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1904	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2039	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2130	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2134	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV12	CCV12	1	2233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170190**						
PB170190BL	PB170190BL	MB	SOLID	10/21/2025	2.00	100.0	100.00
PB170190BS	PB170190BS	LCS	SOLID	10/21/2025	2.00	100.0	100.00
Q3399-01	COMP-ROLLOFF	SAM	SOLID	10/21/2025	2.41	100.0	89.90
Q3412-01DUP	TP-6DUP	DUP	SOLID	10/21/2025	2.22	100.0	89.70
Q3412-01MS	TP-6MS	MS	SOLID	10/21/2025	2.23	100.0	89.70
Q3412-01MSD	TP-6MSD	MSD	SOLID	10/21/2025	2.29	100.0	89.70

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170230**						
PB170230BL	PB170230BL	MB	SOLID	10/23/2025	0.50	35.0	100.00
PB170230BS	PB170230BS	LCS	SOLID	10/23/2025	0.50	35.0	100.00
Q3399-01	COMP-ROLLOFF	SAM	SOLID	10/23/2025	0.59	35.0	89.90
Q3419-01DUP	PR-132-S16-015094-20251021DUP	DUP	SOLID	10/23/2025	0.55	35.0	54.40
Q3419-02	PR-132-S16-015094-20251021MS	MS	SOLID	10/23/2025	0.60	35.0	54.40
Q3419-03	PR-132-S16-015094-20251021MSD	MSD	SOLID	10/23/2025	0.54	35.0	54.40

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/21/25 12:03		Jaswal	OK
2	S1	S1	CAL2	10/21/25 12:08		Jaswal	OK
3	S2	S2	CAL3	10/21/25 12:12		Jaswal	OK
4	S3	S3	CAL4	10/21/25 12:16		Jaswal	OK
5	S4	S4	CAL5	10/21/25 12:21		Jaswal	OK
6	S5	S5	CAL6	10/21/25 12:25		Jaswal	OK
7	ICV01	ICV01	ICV	10/21/25 12:40		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/21/25 12:44		Jaswal	OK
9	ICB01	ICB01	ICB	10/21/25 12:50		Jaswal	OK
10	CRI01	CRI01	CRDL	10/21/25 12:54		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/21/25 12:59		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/21/25 13:03		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/21/25 13:07		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/21/25 13:11		Jaswal	OK
15	CCV01	CCV01	CCV	10/21/25 13:45		Jaswal	OK
16	CCB01	CCB01	CCB	10/21/25 13:54		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/21/25 13:57		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/21/25 14:02		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	PB170187BL	PB170187BL	MB	10/21/25 14:11		Jaswal	OK
20	PB170187BS	PB170187BS	LCS	10/21/25 14:16		Jaswal	OK
21	PB170183BL	PB170183BL	MB	10/21/25 14:25		Jaswal	OK
22	PB170183BS	PB170183BS	LCS	10/21/25 14:29		Jaswal	OK
23	LR-3	LR-3	HIGH STD	10/21/25 14:33		Jaswal	OK
24	Q3381-02	VNJ-222	SAM	10/21/25 14:39		Jaswal	OK
25	Q3381-04	VNJ-245	SAM	10/21/25 14:43		Jaswal	OK
26	Q3381-06	RBR200059	SAM	10/21/25 14:47		Jaswal	OK
27	CCV02	CCV02	CCV	10/21/25 15:03		Jaswal	OK
28	CCB02	CCB02	CCB	10/21/25 15:07		Jaswal	OK
29	Q3381-08	VNJ-255	SAM	10/21/25 15:11		Jaswal	OK
30	Q3369-04	MH-22	SAM	10/21/25 15:16		Jaswal	OK
31	Q3369-08	MH-21	SAM	10/21/25 15:20		Jaswal	OK
32	Q3374-04	TP-4-WC	SAM	10/21/25 15:25		Jaswal	OK
33	Q3374-08	TP-5-WC	SAM	10/21/25 15:29		Jaswal	OK
34	Q3388-02	461	SAM	10/21/25 15:34		Jaswal	OK
35	Q3390-02	4174	SAM	10/21/25 15:38		Jaswal	OK
36	Q3392-04	MH-20	SAM	10/21/25 15:42		Jaswal	OK
37	Q3392-08	MH-19	SAM	10/21/25 15:47		Jaswal	OK
38	Q3392-08DUP	MH-19DUP	DUP	10/21/25 15:51		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

39	CCV03	CCV03	CCV	10/21/25 15:56		Jaswal	OK
40	CCB03	CCB03	CCB	10/21/25 16:00		Jaswal	OK
41	Q3392-08L	MH-19L	SD	10/21/25 16:04		Jaswal	OK
42	Q3392-08MS	MH-19MS	MS	10/21/25 16:09		Jaswal	OK
43	Q3392-08MSD	MH-19MSD	MSD	10/21/25 16:13		Jaswal	OK
44	Q3392-08A	MH-19A	PS	10/21/25 16:17	0.1ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
45	PB170147TB	PB170147TB	MB	10/21/25 16:21		Jaswal	OK
46	Q3411-01	Q4-WASTEWATER	SAM	10/21/25 16:26		Jaswal	OK
47	Q3401-01	41-CONCRETE	SAM	10/21/25 16:30		Jaswal	OK
48	Q3402-01	41-LA	SAM	10/21/25 16:34		Jaswal	OK
49	Q3402-04	41-RA	SAM	10/21/25 16:40		Jaswal	OK
50	Q3402-07	41-LB	SAM	10/21/25 16:44		Jaswal	OK
51	CCV04	CCV04	CCV	10/21/25 16:48		Jaswal	OK
52	CCB04	CCB04	CCB	10/21/25 16:52		Jaswal	OK
53	Q3402-10	41-RB	SAM	10/21/25 16:56		Jaswal	OK
54	Q3403-01	MH-18	SAM	10/21/25 17:00		Jaswal	OK
55	Q3397-01	TP-7-WC	SAM	10/21/25 17:04		Jaswal	OK
56	Q3397-01DUP	TP-7-WCDUP	DUP	10/21/25 17:08		Jaswal	OK
57	Q3397-01L	TP-7-WCL	SD	10/21/25 17:12		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3397-01MS	TP-7-WCMS	MS	10/21/25 17:16		Jaswal	OK
59	Q3397-01MSD	TP-7-WCMSD	MSD	10/21/25 17:20		Jaswal	OK
60	Q3397-01A	TP-7-WCA	PS	10/21/25 17:24	0.1ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
61	PB170192BL	PB170192BL	MB	10/21/25 17:28		Jaswal	OK
62	PB170192BS	PB170192BS	LCS	10/21/25 17:33		Jaswal	OK
63	CCV05	CCV05	CCV	10/21/25 17:37		Jaswal	OK
64	CCB05	CCB05	CCB	10/21/25 17:41		Jaswal	OK
65	Q3365-01	MW25	SAM	10/21/25 17:45	Na is high, Need dilution	Jaswal	Dilution
66	Q3365-02	MW2D	SAM	10/21/25 17:49	Na is high, Need dilution	Jaswal	Dilution
67	Q3365-03	SUPPLY	SAM	10/21/25 17:53		Jaswal	OK
68	Q3365-04	17 HARVEY	SAM	10/21/25 17:58		Jaswal	OK
69	Q3365-05	19 HARVEY	SAM	10/21/25 18:02		Jaswal	OK
70	Q3370-01	WATER-TREATMENT	SAM	10/21/25 18:06		Jaswal	OK
71	Q3370-01DUP	WATER-TREATMENT	DUP	10/21/25 18:11		Jaswal	OK
72	Q3370-01L	WATER-TREATMENT	SD	10/21/25 18:15		Jaswal	OK
73	Q3370-01MS	WATER-TREATMENT	MS	10/21/25 18:19		Jaswal	OK
74	Q3370-01MSD	WATER-TREATMENT	MSD	10/21/25 18:23		Jaswal	OK
75	CCV06	CCV06	CCV	10/21/25 18:27		Jaswal	OK
76	CCB06	CCB06	CCB	10/21/25 18:31		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

77	Q3370-01A	WATER-TREATMENT	PS	10/21/25 18:36	0.1ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
78	Q3376-07	PR132-FB01-202510	SAM	10/21/25 18:40		Jaswal	OK
79	Q3400-01	FRAC-TANK-0760450	SAM	10/21/25 18:44		Jaswal	OK
80	Q3398-01	A748	SAM	10/21/25 18:48	BAD Injection	Jaswal	Not Ok
81	Q3399-01	COMP-ROLLOFF	SAM	10/21/25 19:01		Jaswal	OK
82	Q3405-01	PAD-10-20-25-A	SAM	10/21/25 19:05		Jaswal	OK
83	Q3405-02	PAD-10-20-25-B	SAM	10/21/25 19:09		Jaswal	OK
84	Q3405-03	PAD-10-20-25-C	SAM	10/21/25 19:14		Jaswal	OK
85	CCV07	CCV07	CCV	10/21/25 19:18		Jaswal	OK
86	CCB07	CCB07	CCB	10/21/25 19:22		Jaswal	OK
87	Q3405-04	SW-10-20-25	SAM	10/21/25 19:26		Jaswal	OK
88	Q3409-01	EXCAVATION-AREA-	SAM	10/21/25 19:31		Jaswal	OK
89	Q3409-02	EXCAVATION-AREA-	SAM	10/21/25 19:35		Jaswal	OK
90	Q3412-01	TP-6	SAM	10/21/25 19:39	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
91	Q3412-01DUP	TP-6DUP	DUP	10/21/25 19:43	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
92	Q3412-01L	TP-6L	SD	10/21/25 19:47	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
93	Q3412-01MS	TP-6MS	MS	10/21/25 19:51	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
94	Q3412-01MSD	TP-6MSD	MSD	10/21/25 19:55	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137613

Review By	Janvi	Review On	10/23/2025 4:36:41 PM
Supervise By	jaswal	Supervise On	10/24/2025 6:34:14 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

95	Q3412-01A	TP-6A	PS	10/21/25 19:59	MS/MSD Fail for more then 50% Parameters	Jaswal	Not Ok
96	CCV08	CCV08	CCV	10/21/25 20:03		Jaswal	OK
97	CCB08	CCB08	CCB	10/21/25 20:07		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137626

Review By	jaswal	Review On	10/24/2025 6:51:30 PM
Supervise By	mohan	Supervise On	10/27/2025 8:24:01 AM

STD. NAME	STD REF.#
ICAL Standard	MP87703,MP87704,MP87705,MP87706,MP87707,MP87708
ICV Standard	MP87709
CCV Standard	MP87711
ICSA Standard	
CRI Standard	MP87713
LCS Standard	
Chk Standard	MP87710,MP87712,MP87714,MP87716

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 13:31		mohan	OK
2	S0.2	S0.2	CAL2	10/23/25 13:34		mohan	OK
3	S2.5	S2.5	CAL3	10/23/25 13:36		mohan	OK
4	S5	S5	CAL4	10/23/25 13:39		mohan	OK
5	S7.5	S7.5	CAL5	10/23/25 13:41		mohan	OK
6	S10	S10	CAL6	10/23/25 13:47		mohan	OK
7	ICV85	ICV85	ICV	10/23/25 13:51		mohan	OK
8	ICB85	ICB85	ICB	10/23/25 13:57		mohan	OK
9	CCV79	CCV79	CCV	10/23/25 14:01		mohan	OK
10	CCB79	CCB79	CCB	10/23/25 14:05		mohan	OK
11	CRA	CRA	CRDL	10/23/25 14:07		mohan	OK
12	HighStd	HighStd	HIGH STD	10/23/25 14:10		mohan	OK
13	ChkStd	ChkStd	SAM	10/23/25 14:12		mohan	OK
14	PB170230BL	PB170230BL	MB	10/23/25 14:15		mohan	OK
15	PB170230BS	PB170230BS	LCS	10/23/25 14:20		mohan	OK
16	Q3399-01	COMP-ROLLOFF	SAM	10/23/25 14:22		mohan	OK
17	Q3412-01	TP-6	SAM	10/23/25 14:25		mohan	OK
18	Q3416-01	NB-08-10212025	SAM	10/23/25 14:27		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137626

Review By	jaswal	Review On	10/24/2025 6:51:30 PM
Supervise By	mohan	Supervise On	10/27/2025 8:24:01 AM

STD. NAME	STD REF.#
ICAL Standard	MP87703,MP87704,MP87705,MP87706,MP87707,MP87708
ICV Standard	MP87709
CCV Standard	MP87711
ICSA Standard	
CRI Standard	MP87713
LCS Standard	
Chk Standard	MP87710,MP87712,MP87714,MP87716

19	Q3419-01DUP	PR-132-S16-015094-2	DUP	10/23/25 14:32	Hg high, Need Dilution	mohan	Dilution
20	CCV80	CCV80	CCV	10/23/25 14:35		mohan	OK
21	CCB80	CCB80	CCB	10/23/25 14:38		mohan	OK
22	Q3419-02	PR-132-S16-015094-2	MS	10/23/25 14:40	Hg high, Need Dilution	mohan	Dilution
23	Q3419-03	PR-132-S16-015094-2	MSD	10/23/25 14:42	Hg high, Need Dilution	mohan	Dilution
24	Q3419-04	PR132-S16-119133-2	SAM	10/23/25 14:45	Hg high, Need Dilution	mohan	Dilution
25	Q3419-05	PR132-S16-094119-2	SAM	10/23/25 14:48	Hg high, Need Dilution	mohan	Dilution
26	Q3422-01	PR132-S15-000008-2	SAM	10/23/25 14:51	Hg high, Need Dilution	mohan	Dilution
27	Q3424-01	PR132-DP3-2025102	SAM	10/23/25 14:54	Hg high, Need Dilution	mohan	Dilution
28	Q3424-02	PR132-S11-010080-2	SAM	10/23/25 14:57	Hg high, Need Dilution	mohan	Dilution
29	Q3424-03	PR132-S14-000094-2	SAM	10/23/25 15:01	Hg high, Need Dilution	mohan	Dilution
30	Q3427-01	TP-8	SAM	10/23/25 15:04		mohan	OK
31	Q3431-01	EO-02-10222025	SAM	10/23/25 15:07		mohan	OK
32	CCV81	CCV81	CCV	10/23/25 15:09		mohan	OK
33	CCB81	CCB81	CCB	10/23/25 15:11		mohan	OK
34	Q3434-01	PR132-WC1-2025102	SAM	10/23/25 15:14	Hg high, Need Dilution	mohan	Dilution
35	Q3439-01	TP-9	SAM	10/23/25 15:16		mohan	OK
36	Q3439-05	TP-10	SAM	10/23/25 15:19		mohan	OK
37	Q3419-01L	PR-132-S16-015094-2	SD	10/23/25 15:21		mohan	OK
38	Q3419-01A	PR-132-S16-015094-2	PS	10/23/25 15:24		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137626

Review By	jaswal	Review On	10/24/2025 6:51:30 PM
Supervise By	mohan	Supervise On	10/27/2025 8:24:01 AM

STD. NAME	STD REF.#
ICAL Standard	MP87703,MP87704,MP87705,MP87706,MP87707,MP87708
ICV Standard	MP87709
CCV Standard	MP87711
ICSA Standard	
CRI Standard	MP87713
LCS Standard	
Chk Standard	MP87710,MP87712,MP87714,MP87716

39	Q3419-01	PR-132-S16-015094-2	SAM	10/23/25 15:26	Hg high, Need Dilution	mohan	Dilution
40	CCV82	CCV82	CCV	10/23/25 15:29		mohan	OK
41	CCB82	CCB82	CCB	10/23/25 15:32		mohan	OK
42	Q3419-01DUPDL	PR-132-S16-015094-2	DUP	10/23/25 15:37	10x For Hg	mohan	Confirms
43	Q3419-02DL	PR-132-S16-015094-2	MS	10/23/25 15:39	10x For Hg	mohan	Confirms
44	Q3419-03DL	PR-132-S16-015094-2	MSD	10/23/25 15:42	10x For Hg	mohan	Confirms
45	Q3419-04DL	PR132-S16-119133-2	SAM	10/23/25 15:44	10x For Hg	mohan	Confirms
46	Q3419-05DL	PR132-S16-094119-2	SAM	10/23/25 15:46	10x For Hg	mohan	Confirms
47	Q3422-01DL	PR132-S15-000008-2	SAM	10/23/25 15:49	10x For Hg	mohan	Confirms
48	Q3424-01DL	PR132-DP3-2025102	SAM	10/23/25 15:51	10x For Hg	mohan	Confirms
49	Q3424-02DLRE	PR132-S11-010080-2	SAM	10/23/25 15:54	not use	mohan	Not Ok
50	Q3424-03DL	PR132-S14-000094-2	SAM	10/23/25 15:56	10x For Hg	mohan	Confirms
51	CCV83	CCV83	CCV	10/23/25 15:59		mohan	OK
52	CCB83	CCB83	CCB	10/23/25 16:02		mohan	OK
53	Q3419-01DL	PR-132-S16-015094-2	SAM	10/23/25 16:05	10x For Hg	mohan	Confirms
54	Q3434-01DL	PR132-WC1-2025102	SAM	10/23/25 16:07	10x For Hg	mohan	Confirms
55	Q3424-02DL	PR132-S11-010080-2	SAM	10/23/25 16:11	10x For Hg	mohan	Confirms
56	CCV84	CCV84	CCV	10/23/25 16:14		mohan	OK
57	CCB84	CCB84	CCB	10/23/25 16:16		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 12:40		Jaswal	OK
2	S1	S1	CAL2	10/23/25 12:45		Jaswal	OK
3	S2	S2	CAL3	10/23/25 12:49		Jaswal	OK
4	S3	S3	CAL4	10/23/25 12:53		Jaswal	OK
5	S4	S4	CAL5	10/23/25 12:57		Jaswal	OK
6	S5	S5	CAL6	10/23/25 13:01		Jaswal	OK
7	ICV01	ICV01	ICV	10/23/25 13:05		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/23/25 13:14		Jaswal	OK
9	ICB01	ICB01	ICB	10/23/25 13:20		Jaswal	OK
10	CRI01	CRI01	CRDL	10/23/25 13:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/23/25 13:28		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/23/25 13:39		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/23/25 13:43		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/23/25 13:47		Jaswal	OK
15	CCV01	CCV01	CCV	10/23/25 13:52		Jaswal	OK
16	CCB01	CCB01	CCB	10/23/25 13:57		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/23/25 14:01		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/23/25 14:06		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	10/23/25 14:10		Jaswal	OK
20	Q3398-01	A748	SAM	10/23/25 14:15	Bad Injection	Jaswal	Not Ok
21	PB170190BS	PB170190BS	LCS	10/23/25 14:23		Jaswal	OK
22	Q3365-01DL	MW25DL	SAM	10/23/25 14:28	5x For Na	Jaswal	Confirms
23	Q3365-02DL	MW2DDL	SAM	10/23/25 14:32	5x For Na	Jaswal	Confirms
24	PB170190BL	PB170190BL	MB	10/23/25 14:36		Jaswal	OK
25	Q3398-01DL	A748DL	SAM	10/23/25 14:41	5X Mg,V oversaturated	Jaswal	Dilution
26	Q3398-01DL2	A748DL2	SAM	10/23/25 14:49	10x Mg still oversaturated	Jaswal	Dilution
27	CCV02	CCV02	CCV	10/23/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	10/23/25 15:08		Jaswal	OK
29	Q3398-01DL3	A748DL	SAM	10/23/25 15:12	25x for Mg	Jaswal	Confirms
30	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/23/25 15:17		Jaswal	OK
31	Q3368-07	PRESS-SLUDGE	SAM	10/23/25 15:21		Jaswal	OK
32	Q3397-04	TP-7-WC	SAM	10/23/25 15:25		Jaswal	OK
33	Q3399-02	COMP-ROLLOFF	SAM	10/23/25 15:30		Jaswal	OK
34	Q3402-03	41-LA	SAM	10/23/25 15:34		Jaswal	OK
35	Q3402-06	41-RA	SAM	10/23/25 15:38		Jaswal	OK
36	Q3402-09	41-LB	SAM	10/23/25 15:43		Jaswal	OK
37	Q3402-12	41-RB	SAM	10/23/25 15:47		Jaswal	OK
38	Q3403-04	MH-18	SAM	10/23/25 15:51		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

39	CCV03	CCV03	CCV	10/23/25 15:56		Jaswal	OK
40	CCB03	CCB03	CCB	10/23/25 16:11		Jaswal	OK
41	Q3404-02	MOO-25-0285-0288	SAM	10/23/25 16:15		Jaswal	OK
42	Q3404-06	MOO-25-0292	SAM	10/23/25 16:19		Jaswal	OK
43	Q3416-01	NB-08-10212025	SAM	10/23/25 16:24		Jaswal	OK
44	CCV04	CCV04	CCV	10/23/25 16:43		Jaswal	OK
45	CCB04	CCB04	CCB	10/23/25 16:47		Jaswal	OK
46	Q3412-04	TP-6	SAM	10/23/25 16:51		Jaswal	OK
47	Q3412-04DUP	TP-6DUP	DUP	10/23/25 16:55		Jaswal	OK
48	Q3412-04L	TP-6L	SD	10/23/25 17:00		Jaswal	OK
49	Q3412-04MS	TP-6MS	MS	10/23/25 17:04		Jaswal	OK
50	Q3412-04MSD	TP-6MSD	MSD	10/23/25 17:08		Jaswal	OK
51	Q3412-04A	TP-6A	PS	10/23/25 17:12	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
52	Q3406-02	ARS20-0037	SAM	10/23/25 17:16		Jaswal	OK
53	CCV05	CCV05	CCV	10/23/25 17:21		Jaswal	OK
54	CCB05	CCB05	CCB	10/23/25 17:25		Jaswal	OK
55	PB170185BL	PB170185BL	MB	10/23/25 17:30		Jaswal	OK
56	PB170185BS	PB170185BS	LCS	10/23/25 17:34		Jaswal	OK
57	Q3385-04	EFF-WW	SAM	10/23/25 17:38		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3385-04DUP	EFF-WWDUP	DUP	10/23/25 17:42		Jaswal	OK
59	Q3385-04L	EFF-WWL	SD	10/23/25 17:46		Jaswal	OK
60	Q3385-05	EFF-WWMS	MS	10/23/25 17:51		Jaswal	OK
61	Q3385-06	EFF-WWMSD	MSD	10/23/25 17:55		Jaswal	OK
62	Q3385-04A	EFF-WWA	PS	10/23/25 17:59	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
63	Q3412-01	TP-6	SAM	10/23/25 18:03		Jaswal	OK
64	Q3412-01DUP	TP-6DUP	DUP	10/23/25 18:07		Jaswal	OK
65	CCV06	CCV06	CCV	10/23/25 18:11		Jaswal	OK
66	CCB06	CCB06	CCB	10/23/25 18:15		Jaswal	OK
67	Q3412-01L	TP-6L	SD	10/23/25 18:19		Jaswal	OK
68	Q3412-01MS	TP-6MS	MS	10/23/25 18:23		Jaswal	OK
69	Q3412-01MSD	TP-6MSD	MSD	10/23/25 18:27		Jaswal	OK
70	Q3412-01A	TP-6A	PS	10/23/25 18:31	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
71	PB170224BL	PB170224BL	MB	10/23/25 18:35		Jaswal	OK
72	PB170224BS	PB170224BS	LCS	10/23/25 18:39		Jaswal	OK
73	Q3427-01	TP-8	SAM	10/23/25 18:43		Jaswal	OK
74	Q3431-01	EO-02-10222025	SAM	10/23/25 18:47		Jaswal	OK
75	Q3431-01DUP	EO-02-10222025DUP	DUP	10/23/25 18:51		Jaswal	OK
76	Q3431-01L	EO-02-10222025L	SD	10/23/25 18:55		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

77	CCV07	CCV07	CCV	10/23/25 18:59		Jaswal	OK
78	CCB07	CCB07	CCB	10/23/25 19:04		Jaswal	OK
79	Q3431-01MS	EO-02-10222025MS	MS	10/23/25 19:08		Jaswal	OK
80	Q3431-01MSD	EO-02-10222025MSD	MSD	10/23/25 19:12		Jaswal	OK
81	Q3431-01A	EO-02-10222025A	PS	10/23/25 19:16	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
82	Q3439-01	TP-9	SAM	10/23/25 19:19		Jaswal	OK
83	Q3439-05	TP-10	SAM	10/23/25 19:23		Jaswal	OK
84	PB170214BL	PB170214BL	MB	10/23/25 19:27		Jaswal	OK
85	PB170214BS	PB170214BS	LCS	10/23/25 19:32		Jaswal	OK
86	PB170214TB	PB170214TB	MB	10/23/25 19:36		Jaswal	OK
87	PB170223BL	PB170223BL	MB	10/23/25 19:40		Jaswal	OK
88	PB170223BS	PB170223BS	LCS	10/23/25 19:44		Jaswal	OK
89	CCV08	CCV08	CCV	10/23/25 19:48		Jaswal	OK
90	CCB08	CCB08	CCB	10/23/25 19:52		Jaswal	OK
91	Q3414-01	SB-1	SAM	10/23/25 20:01		Jaswal	OK
92	Q3414-02	SB-2	SAM	10/23/25 20:05		Jaswal	OK
93	Q3414-03	SB-3	SAM	10/23/25 20:10		Jaswal	OK
94	Q3414-04	SB-4	SAM	10/23/25 20:14		Jaswal	OK
95	Q3414-05	SB-5	SAM	10/23/25 20:18		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

96	Q3414-06	SB-6	SAM	10/23/25 20:22		Jaswal	OK
97	Q3414-07	SB-7	SAM	10/23/25 20:26		Jaswal	OK
98	Q3414-08	SB-8	SAM	10/23/25 20:30		Jaswal	OK
99	Q3414-09	SB-9	SAM	10/23/25 20:35		Jaswal	OK
100	CCV09	CCV09	CCV	10/23/25 20:39		Jaswal	OK
101	CCB09	CCB09	CCB	10/23/25 20:43		Jaswal	OK
102	Q3414-10	SB-10	SAM	10/23/25 20:47		Jaswal	OK
103	Q3414-11	SB-11	SAM	10/23/25 20:52		Jaswal	OK
104	Q3414-12	SB-12	SAM	10/23/25 20:56		Jaswal	OK
105	Q3414-13	SB-13	SAM	10/23/25 21:00		Jaswal	OK
106	Q3427-04	TP-8	SAM	10/23/25 21:04		Jaswal	OK
107	Q3427-04DUP	TP-8DUP	DUP	10/23/25 21:08		Jaswal	OK
108	Q3427-04L	TP-8L	SD	10/23/25 21:13		Jaswal	OK
109	Q3427-04MS	TP-8MS	MS	10/23/25 21:17		Jaswal	OK
110	Q3427-04MSD	TP-8MSD	MSD	10/23/25 21:21		Jaswal	OK
111	Q3427-04A	TP-8A	PS	10/23/25 21:25	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
112	CCV10	CCV10	CCV	10/23/25 21:30		Jaswal	OK
113	CCB10	CCB10	CCB	10/23/25 21:34		Jaswal	OK
114	PB170225BL	PB170225BL	MB	10/23/25 21:38	NOT USE	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

115	PB170225BS	PB170225BS	LCS	10/23/25 21:42	NOT USE	Jaswal	Not Ok
116	Q3417-01	101425	SAM	10/23/25 21:46	NOT USE	Jaswal	Not Ok
117	Q3420-05	COMPOSITE	SAM	10/23/25 21:50	NOT USE	Jaswal	Not Ok
118	Q3420-05DUP	COMPOSITEDUP	DUP	10/23/25 21:55	NOT USE	Jaswal	Not Ok
119	Q3420-05L	COMPOSITEL	SD	10/23/25 21:59	NOT USE	Jaswal	Not Ok
120	Q3420-05MS	COMPOSITEMS	MS	10/23/25 22:03	NOT USE	Jaswal	Not Ok
121	Q3420-05MSD	COMPOSITEMSD	MSD	10/23/25 22:08	NOT USE	Jaswal	Not Ok
122	Q3420-05A	COMPOSITEA	PS	10/23/25 22:12	NOT USE	Jaswal	Not Ok
123	Q3422-02	PR132-FB2-2025102	SAM	10/23/25 22:16	NOT USE	Jaswal	Not Ok
124	CCV11	CCV11	CCV	10/23/25 22:20	CCV fail for Fe,K,Na,Tl	Jaswal	OK
125	CCB11	CCB11	CCB	10/23/25 22:24	CCB fail for K,Na	Jaswal	OK
126	Q3434-02	PR132-WC2-2025102	SAM	10/23/25 22:29	NOT USE	Jaswal	Not Ok
127	CCV12	CCV12	CCV	10/23/25 22:33	CCV fail for Fe,Na	Jaswal	OK
128	CCB12	CCB12	CCB	10/23/25 22:37	CCB fail for K,Na	Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170190

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 10/21/2025 **Time :** 14:05 **Temp :** 96 °C

End Digest Date: 10/21/2025 **Time :** 16:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SLS

Supervisor Signature: MB

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6209
LFS-2	1.00	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	5.00	M6158
1:1 HNO3	10.00	MP86978
30% H2O2	3.00	M6170
Conc. HNO3	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/25 17:18	SLS met dig	MB- metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170190

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB170190BL	PBS190	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB170190BS	LCS190	N/A	2.00	100	Colorless	Colorless	Fine	No	M6209,M6201	2
Q3399-01	COMP-ROLLOFF	N/A	2.41	100	Brown	Yellow	Medium	No	N/A	3
Q3405-01	PAD-10-20-25-A	N/A	2.44	100	Brown	Yellow	Medium	No	N/A	4
Q3405-02	PAD-10-20-25-B	N/A	2.18	100	Brown	Yellow	Medium	No	N/A	5
Q3405-03	PAD-10-20-25-C	N/A	2.31	100	Brown	Yellow	Medium	No	N/A	6
Q3405-04	SW-10-20-25-A	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	7
Q3409-01	EXCAVATION-AREA-A	N/A	2.26	100	Brown	Yellow	Medium	No	N/A	8
Q3409-02	EXCAVATION-AREA-B	N/A	2.25	100	Brown	Yellow	Medium	No	N/A	9
Q3412-01	TP-6	N/A	2.44	100	Brown	Yellow	Medium	No	N/A	10
Q3412-01MS	TP-6MS	N/A	2.23	100	Brown	Yellow	Medium	No	M6209,M6201	12
Q3412-01MSD	TP-6MSD	N/A	2.29	100	Brown	Yellow	Medium	No	M6209,M6201	13
Q3412-01DUP	TP-6DUP	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	11

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170230

SOP ID : M7471B-Mercury-19

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/23/2025 **Time :** 10:22 **Temp :** 94 °C

End Digest Date: 10/23/2025 **Time :** 10:50 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: [signature]

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87709
CCV	30mL	MP87711
CRA	30mL	MP87713
Blank Spike	0.48mL	MP87702
Matrix Spike	0.48mL	MP87702

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5Ml	MP87702
KMnO4 (5%)	4.5mL	MP87072
Hydroxylamine HCL (12%)	2.0Ml	MP87149
PTFE Boiling Stones	--------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87703
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87704
2.5 ppb	S2.5	30mL	MP87705
5.0 ppb	S5.0	30mL	MP87706
7.5 ppb	S7.5	30mL	MP87707
10.0 ppb	S10.0	30mL	MP87708
ICV	ICV	30mL	MP87709
ICB	ICB	30mL	MP87710
CCV	CCV	30mL	MP87711
CCB	CCB	30mL	MP87712
CRI	CRI	30mL	MP87713
CHK STD	CHK STD	30mL	MP87714

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/23/25 [illegible]	MB- Dig Lab	MB- Metal Lab
11:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170230

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB170230BL	PBS230	0.50	35	N/A	N/A	3-1
PB170230BS	LCS230	0.50	35	N/A	MP87702	2
Q3399-01	COMP-ROLLOFF	0.59	35	N/A	N/A	3
Q3412-01	TP-6	0.57	35	N/A	N/A	4
Q3416-01	NB-08-10212025	0.56	35	N/A	N/A	5
Q3419-01	PR-132-S16-015094-20251021	0.56	35	N/A	N/A	6
Q3419-01DUP	PR-132-S16-015094-20251021DUP	0.55	35	N/A	N/A	7
Q3419-02	Q3419-01MS	0.60	35	N/A	MP87702	8
Q3419-03	Q3419-01MSD	0.54	35	N/A	MP87702	9
Q3419-04	PR-132-S16-119133-20251021	0.53	35	N/A	N/A	10
Q3419-05	PR-132-S16-094119-20251021	0.57	35	N/A	N/A	11
Q3422-01	PR132-S15-000008-20251017	0.56	35	N/A	N/A	12
Q3424-01	PR132-DP3-20251021	0.57	35	N/A	N/A	13
Q3424-02	PR132-S11-010080-20251021	0.58	35	N/A	N/A	14
Q3424-03	PR132-S14-00094-20251021	0.56	35	N/A	N/A	15
Q3427-01	TP-8	0.50	35	N/A	N/A	16
Q3431-01	EO-02-10222025	0.56	35	N/A	N/A	17
Q3434-01	PR132-WC1-20251022	0.56	35	N/A	N/A	18
Q3439-01	TP-9	0.56	35	N/A	N/A	19
Q3439-05	TP-10	0.58	35	N/A	N/A	20

A B C D E F G H I J

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Bethpag

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-02	COMP-ROLLOFF	TCLP	Barium	363	J	72.8	125	500	ug/L

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	75.0	U	1	25.6	75.0	100	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-39-3	Barium	363	JN	1	72.8	125	500	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-43-9	Cadmium	7.50	U	1	2.50	7.50	30.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-47-3	Chromium	25.0	U	1	10.6	25.0	50.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7439-92-1	Lead	48.0	U	1	11.5	48.0	60.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	10/22/25 13:30	10/23/25 08:45	7470A	7470A
7782-49-2	Selenium	80.0	U	1	48.2	80.0	100	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-22-4	Silver	25.0	U	1	8.10	25.0	50.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB84	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:18	LB137620

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB75	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:24	LB137620
CCB76	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:52	LB137620
CCB77	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	09:20	LB137620
CCB78	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	09:38	LB137620

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:20	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:20	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:57	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:57	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	15:08	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	15:08	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:11	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:11	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:47	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:47	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	17:25	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	17:25	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	18:15	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	18:15	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
CCB07	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:04	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:04	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:52	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:52	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
CCB09	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	20:43	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	20:43	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
CCB10	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	21:34	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	21:34	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
CCB11	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:24	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:24	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
CCB12	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:37	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:37	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170172TB		**WATER**		**Batch Number:**		**PB170219**		**Prep Date:**	**10/22/2025**	
	Mercury	0.76	<2	U	1.60	2.00	CV	10/23/2025	09:25	LB137620

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170219BL		**WATER**		**Batch Number:**		**PB170219**		**Prep Date:**	**10/22/2025**	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	10/23/2025	08:34	LB137620

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170214BL		**WATER**		**Batch Number:**		**PB170214**		**Prep Date:**	**10/22/2025**	
	Arsenic	25.6	<50	U	75.0	100	P	10/23/2025	19:27	LB137630
	Barium	72.8	<250	U	125	500	P	10/23/2025	19:27	LB137630
	Cadmium	2.50	<15	U	7.50	30.0	P	10/23/2025	19:27	LB137630
	Chromium	10.6	<25	U	25.0	50.0	P	10/23/2025	19:27	LB137630
	Lead	11.5	<30	U	48.0	60.0	P	10/23/2025	19:27	LB137630
	Selenium	48.2	<50	U	80.0	100	P	10/23/2025	19:27	LB137630
	Silver	8.10	<25	U	25.0	50.0	P	10/23/2025	19:27	LB137630

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170172TB		**WATER**		**Batch Number:**		**PB170214**		**Prep Date:**	**10/22/2025**	
	Arsenic	25.6	<50	U	75.0	100	P	10/23/2025	19:36	LB137630
	Barium	72.8	<250	U	125	500	P	10/23/2025	19:36	LB137630
	Cadmium	2.50	<15	U	7.50	30.0	P	10/23/2025	19:36	LB137630
	Chromium	10.6	<25	U	25.0	50.0	P	10/23/2025	19:36	LB137630
	Lead	11.5	<30	U	48.0	60.0	P	10/23/2025	19:36	LB137630
	Selenium	48.2	<50	U	80.0	100	P	10/23/2025	19:36	LB137630
	Silver	8.10	<25	U	25.0	50.0	P	10/23/2025	19:36	LB137630

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV84	Mercury	3.99	4.0	100	90 - 110	CV	10/23/2025	08:15	LB137620

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV75	Mercury	5.03	5.0	101	90 - 110	CV	10/23/2025	08:22	LB137620
CCV76	Mercury	5.05	5.0	101	90 - 110	CV	10/23/2025	08:50	LB137620
CCV77	Mercury	4.90	5.0	98	90 - 110	CV	10/23/2025	09:18	LB137620
CCV78	Mercury	5.05	5.0	101	90 - 110	CV	10/23/2025	09:36	LB137620

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc.

SDG No.: Q3399

Contract: ICES02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3870	4000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Barium	7690	8000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Cadmium	2050	2000	103	90 - 110	P	10/23/2025	13:05	LB137630
	Chromium	800	800	100	90 - 110	P	10/23/2025	13:05	LB137630
	Lead	3900	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Selenium	3910	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Silver	1010	1000	101	90 - 110	P	10/23/2025	13:05	LB137630

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Barium	98.7	100	99	80 - 120	P	10/23/2025	13:14	LB137630
	Cadmium	5.95	6.0	99	80 - 120	P	10/23/2025	13:14	LB137630
	Chromium	11.0	10.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Lead	13.2	12.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Selenium	23.6	20.0	118	80 - 120	P	10/23/2025	13:14	LB137630
	Silver	10.7	10.0	106	80 - 120	P	10/23/2025	13:14	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5250	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Barium	9900	10000	99	90 - 110	P	10/23/2025	13:52	LB137630
	Cadmium	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Chromium	1060	1000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	13:52	LB137630
	Selenium	5330	5000	107	90 - 110	P	10/23/2025	13:52	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
CCV02	Arsenic	5240	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Barium	10600	10000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Cadmium	2630	2500	105	90 - 110	P	10/23/2025	15:04	LB137630
	Chromium	1050	1000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Lead	5230	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Selenium	5210	5000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	15:04	LB137630
CCV03	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	15:56	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	15:56	LB137630
	Chromium	1030	1000	103	90 - 110	P	10/23/2025	15:56	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Selenium	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
CCV04	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	16:43	LB137630
	Barium	9850	10000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	16:43	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Selenium	4920	5000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	16:43	LB137630
CCV05	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Barium	10300	10000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Cadmium	2640	2500	105	90 - 110	P	10/23/2025	17:21	LB137630
	Chromium	967	1000	97	90 - 110	P	10/23/2025	17:21	LB137630
	Lead	5250	5000	105	90 - 110	P	10/23/2025	17:21	LB137630
	Selenium	5180	5000	104	90 - 110	P	10/23/2025	17:21	LB137630

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1290	1250	103	90 - 110	P	10/23/2025	17:21	LB137630
CCV06	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Barium	10000	10000	100	90 - 110	P	10/23/2025	18:11	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	18:11	LB137630
	Chromium	987	1000	99	90 - 110	P	10/23/2025	18:11	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	18:11	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Silver	1320	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
CCV07	Arsenic	5030	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	18:59	LB137630
	Cadmium	2530	2500	101	90 - 110	P	10/23/2025	18:59	LB137630
	Chromium	952	1000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Lead	5060	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Selenium	5090	5000	102	90 - 110	P	10/23/2025	18:59	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	18:59	LB137630
CCV08	Arsenic	5200	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Barium	9920	10000	99	90 - 110	P	10/23/2025	19:48	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	19:48	LB137630
	Chromium	999	1000	100	90 - 110	P	10/23/2025	19:48	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	19:48	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
CCV09	Arsenic	5320	5000	106	90 - 110	P	10/23/2025	20:39	LB137630
	Barium	9990	10000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Cadmium	2690	2500	108	90 - 110	P	10/23/2025	20:39	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Lead	5380	5000	108	90 - 110	P	10/23/2025	20:39	LB137630
	Selenium	5360	5000	107	90 - 110	P	10/23/2025	20:39	LB137630
	Silver	1320	1250	106	90 - 110	P	10/23/2025	20:39	LB137630
CCV10	Arsenic	5010	5000	100	90 - 110	P	10/23/2025	21:30	LB137630
	Barium	9490	10000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Cadmium	2570	2500	103	90 - 110	P	10/23/2025	21:30	LB137630
	Chromium	962	1000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Lead	5110	5000	102	90 - 110	P	10/23/2025	21:30	LB137630

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Selenium	5040	5000	101	90 - 110	P	10/23/2025	21:30	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	21:30	LB137630
CCV11	Arsenic	4980	5000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Barium	9350	10000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Cadmium	2590	2500	104	90 - 110	P	10/23/2025	22:20	LB137630
	Chromium	951	1000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	22:20	LB137630
	Selenium	4940	5000	99	90 - 110	P	10/23/2025	22:20	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	22:20	LB137630
CCV12	Arsenic	4920	5000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Barium	9070	10000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Cadmium	2540	2500	102	90 - 110	P	10/23/2025	22:33	LB137630
	Chromium	932	1000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Lead	5070	5000	101	90 - 110	P	10/23/2025	22:33	LB137630
	Selenium	4930	5000	99	90 - 110	P	10/23/2025	22:33	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	22:33	LB137630

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	110	70 - 130	CV	10/23/2025	08:27	LB137620
CRI01	Arsenic	22.0	20.0	110	65 - 135	P	10/23/2025	13:24	LB137630
	Barium	92.8	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Cadmium	5.69	6.0	95	65 - 135	P	10/23/2025	13:24	LB137630
	Chromium	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Lead	10.8	12.0	90	65 - 135	P	10/23/2025	13:24	LB137630
	Selenium	19.5	20.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Silver	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	8.83			-20	20	10/23/2025	13:28	LB137630
	Barium	2.45	6.0	41	-94	106	10/23/2025	13:28	LB137630
	Cadmium	-0.071	1.0	7	-5	7	10/23/2025	13:28	LB137630
	Chromium	48.5	52.0	93	42	62	10/23/2025	13:28	LB137630
	Lead	-2.09			-12	12	10/23/2025	13:28	LB137630
	Selenium	4.51			-20	20	10/23/2025	13:28	LB137630
	Silver	-2.45			-10	10	10/23/2025	13:28	LB137630
ICSAB01	Arsenic	107	104	103	88.4	120	10/23/2025	13:39	LB137630
	Barium	483	537	90	437	637	10/23/2025	13:39	LB137630
	Cadmium	994	972	102	826	1120	10/23/2025	13:39	LB137630
	Chromium	550	542	102	460	624	10/23/2025	13:39	LB137630
	Lead	46.0	49.0	94	37	61	10/23/2025	13:39	LB137630
	Selenium	55.7	46.0	121	26	66	10/23/2025	13:39	LB137630
	Silver	206	201	102	170	232	10/23/2025	13:39	LB137630

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Water **sample id:** Q3412-04 **client id:** TP-6MS

Percent Solids for Sample: NA **Spiked ID:** Q3412-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4030		100	U	4000	101		P
Barium	ug/L	88 - 113	2020		515		1000	151	N	P
Cadmium	ug/L	88 - 113	1000		30.0	U	1000	100		P
Chromium	ug/L	90 - 113	1880		50.0	U	2000	94		P
Lead	ug/L	86 - 113	4870		67.3		5000	96		P
Mercury	ug/L	82 - 119	38.2		2.00	U	40.0	96		CV
Selenium	ug/L	83 - 114	10000		100	U	10000	100		P
Silver	ug/L	84 - 115	346		50.0	U	380	91		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Water **sample id:** Q3412-04 **client id:** TP-6MSD

Percent Solids for Sample: NA **Spiked ID:** Q3412-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	3940		100	U	4000	98		P
Barium	ug/L	88 - 113	1950		515		1000	144	N	P
Cadmium	ug/L	88 - 113	974		30.0	U	1000	97		P
Chromium	ug/L	90 - 113	1830		50.0	U	2000	92		P
Lead	ug/L	86 - 113	4720		67.3		5000	93		P
Mercury	ug/L	82 - 119	38.1		2.00	U	40.0	95		CV
Selenium	ug/L	83 - 114	9890		100	U	10000	99		P
Silver	ug/L	84 - 115	340		50.0	U	380	90		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** TP-6A

Sample ID: Q3412-04 **Spiked ID:** Q3412-04A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	1380		515		1000	87	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3412-04 **Client ID:** TP-6DUP

Percent Solids for Sample: NA **Duplicate ID** Q3412-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	515		475	J	8		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	67.3		63.0		7		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3412-04MS **Client ID:** TP-6MSD

Percent Solids for Sample: NA **Duplicate ID** Q3412-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4030		3940		2		P
Barium	ug/L	20	2020		1950		4		P
Cadmium	ug/L	20	1000		974		3		P
Chromium	ug/L	20	1880		1830		3		P
Lead	ug/L	20	4870		4720		3		P
Mercury	ug/L	20	38.2		38.1		0		CV
Selenium	ug/L	20	10000		9890		1		P
Silver	ug/L	20	346		340		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170214BS							
Arsenic	ug/L	4000	3980		100	87 - 113	P
Barium	ug/L	1000	1000		100	88 - 113	P
Cadmium	ug/L	1000	973		97	88 - 113	P
Chromium	ug/L	2000	1930		96	90 - 113	P
Lead	ug/L	5000	4880		98	86 - 113	P
Selenium	ug/L	10000	10100		101	83 - 114	P
Silver	ug/L	380	373		98	84 - 115	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170219BS							
Mercury	ug/L	4.0	3.74		94	82 - 119	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-6L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137630 **Lab Sample ID :** Q3412-04L **SDG No.:** Q3399

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	515		532	J	3		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	67.3		300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137620

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0800	HG
S0.2	S0.2	1	0803	HG
S2.5	S2.5	1	0805	HG
S5	S5	1	0807	HG
S7.5	S7.5	1	0810	HG
S10	S10	1	0812	HG
ICV84	ICV84	1	0815	HG
ICB84	ICB84	1	0818	HG
CCV75	CCV75	1	0822	HG
CCB75	CCB75	1	0824	HG
CRA	CRA	1	0827	HG
PB170219BL	PB170219BL	1	0834	HG
PB170219BS	PB170219BS	1	0836	HG
Q3399-02	COMP-ROLLOFF	1	0845	HG
CCV76	CCV76	1	0850	HG
CCB76	CCB76	1	0852	HG
Q3412-04DUP	TP-6DUP	1	0913	HG
Q3412-04MS	TP-6MS	1	0916	HG
CCV77	CCV77	1	0918	HG
CCB77	CCB77	1	0920	HG
Q3412-04MSD	TP-6MSD	1	0922	HG
PB170172TB	PB170172TB	1	0925	HG
Q3412-04L	TP-6L	5	0927	HG
CCV78	CCV78	1	0936	HG
CCB78	CCB78	1	0938	HG

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1240	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1253	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1257	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1301	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1305	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1314	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1320	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1324	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1328	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1339	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1352	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1357	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1504	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1508	Ag,As,Ba,Cd,Cr,Pb,Se
Q3399-02	COMP-ROLLOFF	1	1530	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1556	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1611	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1643	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1647	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04DUP	TP-6DUP	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04L	TP-6L	5	1700	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04MS	TP-6MS	1	1704	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04MSD	TP-6MSD	1	1708	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04A	TP-6A	1	1712	Ba
CCV05	CCV05	1	1721	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1811	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1815	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1859	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1904	Ag,As,Ba,Cd,Cr,Pb,Se
PB170214BL	PB170214BL	1	1927	Ag,As,Ba,Cd,Cr,Pb,Se
PB170214BS	PB170214BS	1	1932	Ag,As,Ba,Cd,Cr,Pb,Se
PB170172TB	PB170172TB	1	1936	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1948	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1952	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	2039	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	2043	Ag,As,Ba,Cd,Cr,Pb,Se
CCV10	CCV10	1	2130	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	2134	Ag,As,Ba,Cd,Cr,Pb,Se

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	2220	Ag,As,Ba,Cd,Cr,Pb,Se
CCB11	CCB11	1	2224	Ag,As,Ba,Cd,Cr,Pb,Se
CCV12	CCV12	1	2233	Ag,As,Ba,Cd,Cr,Pb,Se
CCB12	CCB12	1	2237	Ag,As,Ba,Cd,Cr,Pb,Se

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP ICP Metals	6010D		10/22/25	10/23/25	
			TCLP Mercury	7470A		10/22/25	10/23/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170214**						
PB170214BL	PB170214BL	MB	WATER	10/22/2025	5.0	25.0	
PB170214BS	PB170214BS	LCS	WATER	10/22/2025	5.0	25.0	
PB170172TB	PB170172TB	MB	WATER	10/22/2025	5.0	25.0	
Q3399-02	COMP-ROLLOFF	SAM	WATER	10/22/2025	5.0	25.0	
Q3412-04DUP	TP-6DUP	DUP	WATER	10/22/2025	5.0	25.0	
Q3412-04MS	TP-6MS	MS	WATER	10/22/2025	5.0	25.0	
Q3412-04MSD	TP-6MSD	MSD	WATER	10/22/2025	5.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170219**						
PB170172TB	PB170172TB	MB	WATER	10/22/2025	3.0	30.0	
PB170219BL	PB170219BL	MB	WATER	10/22/2025	30.0	30.0	
PB170219BS	PB170219BS	LCS	WATER	10/22/2025	30.0	30.0	
Q3399-02	COMP-ROLLOFF	SAM	WATER	10/22/2025	3.0	30.0	
Q3412-04DUP	TP-6DUP	DUP	WATER	10/22/2025	3.0	30.0	
Q3412-04MS	TP-6MS	MS	WATER	10/22/2025	3.0	30.0	
Q3412-04MSD	TP-6MSD	MSD	WATER	10/22/2025	3.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137620

Review By	jaswal	Review On	10/24/2025 6:52:34 PM
Supervise By	mohan	Supervise On	10/27/2025 8:25:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP87686,MP87687,MP87688,MP87689,MP87690,MP87691
ICV Standard	MP87692
CCV Standard	MP87694
ICSA Standard	
CRI Standard	MP87696
LCS Standard	
Chk Standard	MP87693,MP87695,MP87697,MP87701

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 08:00		Sagar	OK
2	S0.2	S0.2	CAL2	10/23/25 08:03		Sagar	OK
3	S2.5	S2.5	CAL3	10/23/25 08:05		Sagar	OK
4	S5	S5	CAL4	10/23/25 08:07		Sagar	OK
5	S7.5	S7.5	CAL5	10/23/25 08:10		Sagar	OK
6	S10	S10	CAL6	10/23/25 08:12		Sagar	OK
7	ICV84	ICV84	ICV	10/23/25 08:15		Sagar	OK
8	ICB84	ICB84	ICB	10/23/25 08:18		Sagar	OK
9	CCV75	CCV75	CCV	10/23/25 08:22		Sagar	OK
10	CCB75	CCB75	CCB	10/23/25 08:24		Sagar	OK
11	CRA	CRA	CRDL	10/23/25 08:27		Sagar	OK
12	HighStd	HighStd	HIGH STD	10/23/25 08:29		Sagar	OK
13	ChkStd	ChkStd	SAM	10/23/25 08:31		Sagar	OK
14	PB170219BL	PB170219BL	MB	10/23/25 08:34		Sagar	OK
15	PB170219BS	PB170219BS	LCS	10/23/25 08:36		Sagar	OK
16	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/23/25 08:38		Sagar	OK
17	Q3368-07	PRESS-SLUDGE	SAM	10/23/25 08:41		Sagar	OK
18	Q3397-04	TP-7-WC	SAM	10/23/25 08:43		Sagar	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137620

Review By	jaswal	Review On	10/24/2025 6:52:34 PM
Supervise By	mohan	Supervise On	10/27/2025 8:25:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP87686,MP87687,MP87688,MP87689,MP87690,MP87691
ICV Standard	MP87692
CCV Standard	MP87694
ICSA Standard	
CRI Standard	MP87696
LCS Standard	
Chk Standard	MP87693,MP87695,MP87697,MP87701

19	Q3399-02	COMP-ROLLOFF	SAM	10/23/25 08:45		Sagar	OK
20	Q3402-03	41-LA	SAM	10/23/25 08:48		Sagar	OK
21	CCV76	CCV76	CCV	10/23/25 08:50		Sagar	OK
22	CCB76	CCB76	CCB	10/23/25 08:52		Sagar	OK
23	Q3402-06	41-RA	SAM	10/23/25 08:54		Sagar	OK
24	Q3402-09	41-LB	SAM	10/23/25 08:57		Sagar	OK
25	Q3402-12	41-RB	SAM	10/23/25 08:59		Sagar	OK
26	Q3403-04	MH-18	SAM	10/23/25 09:01		Sagar	OK
27	Q3404-02	MOO-25-0285-0288	SAM	10/23/25 09:04		Sagar	OK
28	Q3404-06	MOO-25-0292	SAM	10/23/25 09:06		Sagar	OK
29	Q3406-02	ARS20-0037	SAM	10/23/25 09:08		Sagar	OK
30	Q3412-04	TP-6	SAM	10/23/25 09:10		Sagar	OK
31	Q3412-04DUP	TP-6DUP	DUP	10/23/25 09:13		Sagar	OK
32	Q3412-04MS	TP-6MS	MS	10/23/25 09:16		Sagar	OK
33	CCV77	CCV77	CCV	10/23/25 09:18		Sagar	OK
34	CCB77	CCB77	CCB	10/23/25 09:20		Sagar	OK
35	Q3412-04MSD	TP-6MSD	MSD	10/23/25 09:22		Sagar	OK
36	PB170172TB	PB170172TB	MB	10/23/25 09:25		Sagar	OK
37	Q3412-04L	TP-6L	SD	10/23/25 09:27		Sagar	OK
38	Q3412-04A	TP-6A	PS	10/23/25 09:33		Sagar	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137620

Review By	jaswal	Review On	10/24/2025 6:52:34 PM
Supervise By	mohan	Supervise On	10/27/2025 8:25:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP87686,MP87687,MP87688,MP87689,MP87690,MP87691
ICV Standard	MP87692
CCV Standard	MP87694
ICSA Standard	
CRI Standard	MP87696
LCS Standard	
Chk Standard	MP87693,MP87695,MP87697,MP87701

39	CCV78	CCV78	CCV	10/23/25 09:36		Sagar	OK
40	CCB78	CCB78	CCB	10/23/25 09:38		Sagar	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/23/25 12:40		Jaswal	OK
2	S1	S1	CAL2	10/23/25 12:45		Jaswal	OK
3	S2	S2	CAL3	10/23/25 12:49		Jaswal	OK
4	S3	S3	CAL4	10/23/25 12:53		Jaswal	OK
5	S4	S4	CAL5	10/23/25 12:57		Jaswal	OK
6	S5	S5	CAL6	10/23/25 13:01		Jaswal	OK
7	ICV01	ICV01	ICV	10/23/25 13:05		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/23/25 13:14		Jaswal	OK
9	ICB01	ICB01	ICB	10/23/25 13:20		Jaswal	OK
10	CRI01	CRI01	CRDL	10/23/25 13:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/23/25 13:28		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/23/25 13:39		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/23/25 13:43		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/23/25 13:47		Jaswal	OK
15	CCV01	CCV01	CCV	10/23/25 13:52		Jaswal	OK
16	CCB01	CCB01	CCB	10/23/25 13:57		Jaswal	OK
17	LR-1	LR-1	HIGH STD	10/23/25 14:01		Jaswal	OK
18	LR-2	LR-2	HIGH STD	10/23/25 14:06		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	10/23/25 14:10		Jaswal	OK
20	Q3398-01	A748	SAM	10/23/25 14:15	Bad Injection	Jaswal	Not Ok
21	PB170190BS	PB170190BS	LCS	10/23/25 14:23		Jaswal	OK
22	Q3365-01DL	MW25DL	SAM	10/23/25 14:28	5x For Na	Jaswal	Confirms
23	Q3365-02DL	MW2DDL	SAM	10/23/25 14:32	5x For Na	Jaswal	Confirms
24	PB170190BL	PB170190BL	MB	10/23/25 14:36		Jaswal	OK
25	Q3398-01DL	A748DL	SAM	10/23/25 14:41	5X Mg,V oversaturated	Jaswal	Dilution
26	Q3398-01DL2	A748DL2	SAM	10/23/25 14:49	10x Mg still oversaturated	Jaswal	Dilution
27	CCV02	CCV02	CCV	10/23/25 15:04		Jaswal	OK
28	CCB02	CCB02	CCB	10/23/25 15:08		Jaswal	OK
29	Q3398-01DL3	A748DL	SAM	10/23/25 15:12	25x for Mg	Jaswal	Confirms
30	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/23/25 15:17		Jaswal	OK
31	Q3368-07	PRESS-SLUDGE	SAM	10/23/25 15:21		Jaswal	OK
32	Q3397-04	TP-7-WC	SAM	10/23/25 15:25		Jaswal	OK
33	Q3399-02	COMP-ROLLOFF	SAM	10/23/25 15:30		Jaswal	OK
34	Q3402-03	41-LA	SAM	10/23/25 15:34		Jaswal	OK
35	Q3402-06	41-RA	SAM	10/23/25 15:38		Jaswal	OK
36	Q3402-09	41-LB	SAM	10/23/25 15:43		Jaswal	OK
37	Q3402-12	41-RB	SAM	10/23/25 15:47		Jaswal	OK
38	Q3403-04	MH-18	SAM	10/23/25 15:51		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

39	CCV03	CCV03	CCV	10/23/25 15:56		Jaswal	OK
40	CCB03	CCB03	CCB	10/23/25 16:11		Jaswal	OK
41	Q3404-02	MOO-25-0285-0288	SAM	10/23/25 16:15		Jaswal	OK
42	Q3404-06	MOO-25-0292	SAM	10/23/25 16:19		Jaswal	OK
43	Q3416-01	NB-08-10212025	SAM	10/23/25 16:24		Jaswal	OK
44	CCV04	CCV04	CCV	10/23/25 16:43		Jaswal	OK
45	CCB04	CCB04	CCB	10/23/25 16:47		Jaswal	OK
46	Q3412-04	TP-6	SAM	10/23/25 16:51		Jaswal	OK
47	Q3412-04DUP	TP-6DUP	DUP	10/23/25 16:55		Jaswal	OK
48	Q3412-04L	TP-6L	SD	10/23/25 17:00		Jaswal	OK
49	Q3412-04MS	TP-6MS	MS	10/23/25 17:04		Jaswal	OK
50	Q3412-04MSD	TP-6MSD	MSD	10/23/25 17:08		Jaswal	OK
51	Q3412-04A	TP-6A	PS	10/23/25 17:12	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
52	Q3406-02	ARS20-0037	SAM	10/23/25 17:16		Jaswal	OK
53	CCV05	CCV05	CCV	10/23/25 17:21		Jaswal	OK
54	CCB05	CCB05	CCB	10/23/25 17:25		Jaswal	OK
55	PB170185BL	PB170185BL	MB	10/23/25 17:30		Jaswal	OK
56	PB170185BS	PB170185BS	LCS	10/23/25 17:34		Jaswal	OK
57	Q3385-04	EFF-WW	SAM	10/23/25 17:38		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3385-04DUP	EFF-WWDUP	DUP	10/23/25 17:42		Jaswal	OK
59	Q3385-04L	EFF-WWL	SD	10/23/25 17:46		Jaswal	OK
60	Q3385-05	EFF-WWMS	MS	10/23/25 17:51		Jaswal	OK
61	Q3385-06	EFF-WWMSD	MSD	10/23/25 17:55		Jaswal	OK
62	Q3385-04A	EFF-WWA	PS	10/23/25 17:59	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
63	Q3412-01	TP-6	SAM	10/23/25 18:03		Jaswal	OK
64	Q3412-01DUP	TP-6DUP	DUP	10/23/25 18:07		Jaswal	OK
65	CCV06	CCV06	CCV	10/23/25 18:11		Jaswal	OK
66	CCB06	CCB06	CCB	10/23/25 18:15		Jaswal	OK
67	Q3412-01L	TP-6L	SD	10/23/25 18:19		Jaswal	OK
68	Q3412-01MS	TP-6MS	MS	10/23/25 18:23		Jaswal	OK
69	Q3412-01MSD	TP-6MSD	MSD	10/23/25 18:27		Jaswal	OK
70	Q3412-01A	TP-6A	PS	10/23/25 18:31	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
71	PB170224BL	PB170224BL	MB	10/23/25 18:35		Jaswal	OK
72	PB170224BS	PB170224BS	LCS	10/23/25 18:39		Jaswal	OK
73	Q3427-01	TP-8	SAM	10/23/25 18:43		Jaswal	OK
74	Q3431-01	EO-02-10222025	SAM	10/23/25 18:47		Jaswal	OK
75	Q3431-01DUP	EO-02-10222025DUP	DUP	10/23/25 18:51		Jaswal	OK
76	Q3431-01L	EO-02-10222025L	SD	10/23/25 18:55		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

77	CCV07	CCV07	CCV	10/23/25 18:59		Jaswal	OK
78	CCB07	CCB07	CCB	10/23/25 19:04		Jaswal	OK
79	Q3431-01MS	EO-02-10222025MS	MS	10/23/25 19:08		Jaswal	OK
80	Q3431-01MSD	EO-02-10222025MSD	MSD	10/23/25 19:12		Jaswal	OK
81	Q3431-01A	EO-02-10222025A	PS	10/23/25 19:16	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
82	Q3439-01	TP-9	SAM	10/23/25 19:19		Jaswal	OK
83	Q3439-05	TP-10	SAM	10/23/25 19:23		Jaswal	OK
84	PB170214BL	PB170214BL	MB	10/23/25 19:27		Jaswal	OK
85	PB170214BS	PB170214BS	LCS	10/23/25 19:32		Jaswal	OK
86	PB170214TB	PB170214TB	MB	10/23/25 19:36		Jaswal	OK
87	PB170223BL	PB170223BL	MB	10/23/25 19:40		Jaswal	OK
88	PB170223BS	PB170223BS	LCS	10/23/25 19:44		Jaswal	OK
89	CCV08	CCV08	CCV	10/23/25 19:48		Jaswal	OK
90	CCB08	CCB08	CCB	10/23/25 19:52		Jaswal	OK
91	Q3414-01	SB-1	SAM	10/23/25 20:01		Jaswal	OK
92	Q3414-02	SB-2	SAM	10/23/25 20:05		Jaswal	OK
93	Q3414-03	SB-3	SAM	10/23/25 20:10		Jaswal	OK
94	Q3414-04	SB-4	SAM	10/23/25 20:14		Jaswal	OK
95	Q3414-05	SB-5	SAM	10/23/25 20:18		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

96	Q3414-06	SB-6	SAM	10/23/25 20:22		Jaswal	OK
97	Q3414-07	SB-7	SAM	10/23/25 20:26		Jaswal	OK
98	Q3414-08	SB-8	SAM	10/23/25 20:30		Jaswal	OK
99	Q3414-09	SB-9	SAM	10/23/25 20:35		Jaswal	OK
100	CCV09	CCV09	CCV	10/23/25 20:39		Jaswal	OK
101	CCB09	CCB09	CCB	10/23/25 20:43		Jaswal	OK
102	Q3414-10	SB-10	SAM	10/23/25 20:47		Jaswal	OK
103	Q3414-11	SB-11	SAM	10/23/25 20:52		Jaswal	OK
104	Q3414-12	SB-12	SAM	10/23/25 20:56		Jaswal	OK
105	Q3414-13	SB-13	SAM	10/23/25 21:00		Jaswal	OK
106	Q3427-04	TP-8	SAM	10/23/25 21:04		Jaswal	OK
107	Q3427-04DUP	TP-8DUP	DUP	10/23/25 21:08		Jaswal	OK
108	Q3427-04L	TP-8L	SD	10/23/25 21:13		Jaswal	OK
109	Q3427-04MS	TP-8MS	MS	10/23/25 21:17		Jaswal	OK
110	Q3427-04MSD	TP-8MSD	MSD	10/23/25 21:21		Jaswal	OK
111	Q3427-04A	TP-8A	PS	10/23/25 21:25	0.1 ML OF M6008 AND M6017 IN 10ML	Jaswal	OK
112	CCV10	CCV10	CCV	10/23/25 21:30		Jaswal	OK
113	CCB10	CCB10	CCB	10/23/25 21:34		Jaswal	OK
114	PB170225BL	PB170225BL	MB	10/23/25 21:38	NOT USE	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137630

Review By	Janvi	Review On	10/28/2025 12:32:41 PM
Supervise By	jaswal	Supervise On	10/28/2025 3:14:16 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

115	PB170225BS	PB170225BS	LCS	10/23/25 21:42	NOT USE	Jaswal	Not Ok
116	Q3417-01	101425	SAM	10/23/25 21:46	NOT USE	Jaswal	Not Ok
117	Q3420-05	COMPOSITE	SAM	10/23/25 21:50	NOT USE	Jaswal	Not Ok
118	Q3420-05DUP	COMPOSITEDUP	DUP	10/23/25 21:55	NOT USE	Jaswal	Not Ok
119	Q3420-05L	COMPOSITEL	SD	10/23/25 21:59	NOT USE	Jaswal	Not Ok
120	Q3420-05MS	COMPOSITEMS	MS	10/23/25 22:03	NOT USE	Jaswal	Not Ok
121	Q3420-05MSD	COMPOSITEMSD	MSD	10/23/25 22:08	NOT USE	Jaswal	Not Ok
122	Q3420-05A	COMPOSITEA	PS	10/23/25 22:12	NOT USE	Jaswal	Not Ok
123	Q3422-02	PR132-FB2-2025102	SAM	10/23/25 22:16	NOT USE	Jaswal	Not Ok
124	CCV11	CCV11	CCV	10/23/25 22:20	CCV fail for Fe,K,Na,Tl	Jaswal	OK
125	CCB11	CCB11	CCB	10/23/25 22:24	CCB fail for K,Na	Jaswal	OK
126	Q3434-02	PR132-WC2-2025102	SAM	10/23/25 22:29	NOT USE	Jaswal	Not Ok
127	CCV12	CCV12	CCV	10/23/25 22:33	CCV fail for Fe,Na	Jaswal	OK
128	CCB12	CCB12	CCB	10/23/25 22:37	CCB fail for K,Na	Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170214

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 10/22/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 10/22/2025 **Time :** 15:33 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLS

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 15:33	SLS MET DIG	[illegible]
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170214

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170214BL	PBW214	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170214BS	LCS214	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
~~PB170214TB~~ PB170172	~~LEB214~~ LEB172 SR 10/22/2025	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3368-06	OUTSIDE-DUMPSTER	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3368-07	PRESS-SLUDGE	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3397-04	TP-7-WC	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3399-02	COMP-ROLLOFF	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3402-03	41-LA	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3402-06	41-RA	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3402-09	41-LB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3402-12	41-RB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3403-04	MH-18	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3404-02	MOO-25-0285-0288	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3404-06	MOO-25-0292	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3406-02	ARS20-0037	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3412-04	TP-6	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	16
Q3412-04MS	TP-6MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	18
Q3412-04MSD	TP-6MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6209,M6201	19
Q3412-04DUP	TP-6DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170219

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/22/2025 **Time :** 13:30 **Temp :** 95 °C

End Digest Date: 10/22/2025 **Time :** 15:30 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: 12

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87692
CCV	30mL	MP87694
CRA	30mL	MP87686
Blank Spike	0.48mL	MP87685
Matrix Spike	0.48mL	MP87685

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87686
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87687
2.5 ppb	S2.5	30mL	MP87688
5.0 ppb	S5.0	30mL	MP87689
7.5 ppb	S7.5	30mL	MP87690
10.0 ppb	S10.0	30mL	MP87691
ICV	ICV	30mL	MP87692
ICB	ICB	30mL	MP87693
CCV	CCV	30mL	MP87694
CCB	CCB	30mL	MP87695
CRI	CRI	30mL	MP87696
CHK STD	CHK STD	30mL	MP87697

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 @ 16:20	MB - DIG LAB	MB - ORGANIC LAB
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170219

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170172TB	PB170172TB	3	30	<2	N/A	3-1
PB170219BL	PBW219	30	30	<2	N/A	2
PB170219BS	LCS219	30	30	<2	MP87685	3
Q3368-06	OUTSIDE-DUMPSTER	3	30	<2	N/A	4
Q3368-07	PRESS-SLUDGE	3	30	<2	N/A	5
Q3397-04	TP-7-WC	3	30	<2	N/A	6
Q3399-02	COMP-ROLLOFF	3	30	<2	N/A	7
Q3402-03	41-LA	3	30	<2	N/A	8
Q3402-06	41-RA	3	30	<2	N/A	9
Q3402-09	41-LB	3	30	<2	N/A	10
Q3402-12	41-RB	3	30	<2	N/A	11
Q3403-04	MH-18	3	30	<2	N/A	12
Q3404-02	MOO-25-0285-0288	3	30	<2	N/A	13
Q3404-06	MOO-25-0292	3	30	<2	N/A	14
Q3406-02	ARS20-0037	3	30	<2	N/A	15
Q3412-04	TP-6	3	30	<2	N/A	16
Q3412-04DUP	TP-6DUP	3	30	<2	N/A	17
Q3412-04MS	TP-6MS	3	30	<2	MP87685	18
Q3412-04MSD	TP-6MSD	3	30	<2	MP87685	19

A B C D E F G H I J

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40718710

Start Prep Date : 10/21/2025 **Time :** 14:00

End Prep Date : 10/22/2025 **Time :** 07:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 22 °C

Final Room Temperature: 21 °C

TCLP Technician Signature :

Supervisor By :

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	TCP Room	SHG. Ext / EXT
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB170172

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB170172

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25 12:00
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
		% Solid:	89.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.22	U	1	0.076	0.22	0.44	mg/Kg	10/21/25 12:00	10/21/25 15:59	7196A
Paint Filter	1.00	U	1	1.00	1.00	1.00	ml/100gm		10/22/25 08:40	9095B
pH	6.99	H	1	0	0	0	pH		10/22/25 10:10	9045D
Trivalent Chromium	3.09		1	0.56	0.56	0.56	mg/Kg		10/21/25 19:01	6010D

Comments: pH result reported at temperature 20.1 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25 12:00
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.99	H	1	0	0	0	pH		10/21/25 13:00	9045D
Ignitability	NO		1	0	0	0	oC		10/22/25 09:15	1030
Reactive Cyanide	0.025	U	1	0.0083	0.025	0.050	mg/Kg	10/21/25 08:45	10/21/25 12:39	9012B
Reactive Sulfide	1.59	J	1	0.20	5.00	10.0	mg/Kg	10/22/25 09:20	10/22/25 13:03	9034

Comments: pH result reported at temperature 20.1 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137601

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	10/21/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	10/21/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	10/21/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	10/21/2025
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	10/21/2025

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Initial and Continuing Calibration Verification

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137602

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.093	0.099	94	85-115	10/21/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/21/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/21/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/21/2025
Sample ID: CCV4						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	10/21/2025

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Initial and Continuing Calibration Verification

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137603

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
Corrosivity	pH	6.98	7	100	90-110	10/21/2025
Sample ID: **CCV1**						
Corrosivity	pH	2.01	2.00	101	90-110	10/21/2025
Sample ID: **CCV2**						
Corrosivity	pH	12.02	12.00	100	90-110	10/21/2025
Sample ID: **CCV3**						
Corrosivity	pH	2.01	2.00	101	90-110	10/21/2025

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Initial and Continuing Calibration Verification

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137607

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.00	7	100	90-110	10/22/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	10/22/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	10/22/2025

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Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137607

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Blank Summary

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137601

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025

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Fax : 908 789 8922

Initial and Continuing Calibration Blank Summary

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137602

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB4							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025

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Fax : 908 789 8922

Initial and Continuing Calibration Blank Summary

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137602

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Preparation Blank Summary

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170174BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	10/21/2025
Sample ID: PB170189BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/21/2025
Sample ID: PB170195BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	10/22/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1360		0.076	U	1410	40	96		10/21/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	40.4		0.076	U	43.9	2	92		10/21/2025

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Fax : 908 789 8922

Matrix Spike Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	38.1		0.076	U	43.9	2	87		10/21/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3368-06
Client ID: OUTSIDE-DUMPSTERDUP
Percent Solids for Spike Sample: 67.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.0083	U	0.0083	U	1	0		10/21/2025
Corrosivity	pH	+/-20	7.00		7.02		1	0.29		10/21/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3392-04
Client ID: MH-20DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Sulfide	mg/Kg	+/-20	4.74	J	4.74	J	1	0		10/22/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3399-01
Client ID: COMP-ROLLOFFDUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	6.99		7.00		1	0.14		10/22/2025
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		10/22/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3399-02
Client ID: COMP-ROLLOFFDUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		10/22/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18DUP
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.076	U	0.076	U	1	0		10/21/2025

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Laboratory Control Sample Summary

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**Run No.:**	LB137601

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170189BS								
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	10/21/2025

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137601

Review By	rubina	Review On	10/22/2025 12:46:11 PM
Supervise By	Iwona	Supervise On	10/22/2025 1:30:09 PM
SubDirectory	LB137601	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115235,WP112831,WP112830,WP114310

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/21/25 15:45		rubina	OK
2	CAL2	CAL2	CAL	10/21/25 15:45		rubina	OK
3	CAL3	CAL3	CAL	10/21/25 15:46		rubina	OK
4	CAL4	CAL4	CAL	10/21/25 15:46		rubina	OK
5	CAL5	CAL5	CAL	10/21/25 15:47		rubina	OK
6	CAL6	CAL6	CAL	10/21/25 15:47		rubina	OK
7	CAL7	CAL7	CAL	10/21/25 15:48		rubina	OK
8	ICV	ICV	ICV	10/21/25 15:48		rubina	OK
9	ICB	ICB	ICB	10/21/25 15:49		rubina	OK
10	CCV1	CCV1	CCV	10/21/25 15:49		rubina	OK
11	CCB1	CCB1	CCB	10/21/25 15:50		rubina	OK
12	RL Check	RL Check	RL	10/21/25 15:50		rubina	OK
13	PB170189BL	PB170189BL	MB	10/21/25 15:51		rubina	OK
14	PB170189BS	PB170189BS	LCS	10/21/25 15:51		rubina	OK
15	Q3375-01	PR132-S02-074099-2	SAM	10/21/25 15:52		rubina	OK
16	Q3375-02	PR132-S04-000013-2	SAM	10/21/25 15:52		rubina	OK
17	Q3375-03	PR132-S05-000057-2	SAM	10/21/25 15:53		rubina	OK
18	Q3375-04	PR132-S02-010074-2	SAM	10/21/25 15:53		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137601

Review By	rubina	Review On	10/22/2025 12:46:11 PM
Supervise By	Iwona	Supervise On	10/22/2025 1:30:09 PM
SubDirectory	LB137601	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115235,WP112831,WP112830,WP114310

19	Q3375-05	PR132-DP02-202510	SAM	10/21/25 15:54		rubina	OK
20	Q3376-01	PR132-S05-057082-2	SAM	10/21/25 15:54		rubina	OK
21	Q3376-02	PR132-DP01-202510	SAM	10/21/25 15:55		rubina	OK
22	Q3376-03	PR132-COMP2-2025	SAM	10/21/25 15:55		rubina	OK
23	CCV2	CCV2	CCV	10/21/25 15:56		rubina	OK
24	CCB2	CCB2	CCB	10/21/25 15:56		rubina	OK
25	Q3376-04	PR132-S12-047072-2	SAM	10/21/25 15:57		rubina	OK
26	Q3376-05	PR132-S12-020047-2	SAM	10/21/25 15:57		rubina	OK
27	Q3383-01	OR-03-101725	SAM	10/21/25 15:58		rubina	OK
28	Q3397-01	TP-7-WC	SAM	10/21/25 15:58		rubina	OK
29	Q3399-01	COMP-ROLLOFF	SAM	10/21/25 15:59		rubina	OK
30	Q3402-01	41-LA	SAM	10/21/25 15:59		rubina	OK
31	Q3402-04	41-RA	SAM	10/21/25 16:00		rubina	OK
32	Q3402-07	41-LB	SAM	10/21/25 16:00		rubina	OK
33	Q3402-10	41-RB	SAM	10/21/25 16:01		rubina	OK
34	Q3403-01	MH-18	SAM	10/21/25 16:01		rubina	OK
35	CCV3	CCV3	CCV	10/21/25 16:02		rubina	OK
36	CCB3	CCB3	CCB	10/21/25 16:02		rubina	OK
37	Q3403-01DUP	MH-18DUP	DUP	10/21/25 16:03		rubina	OK
38	Q3403-01MSPre	MH-18MS	MS	10/21/25 16:03		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137601

Review By	rubina	Review On	10/22/2025 12:46:11 PM
Supervise By	Iwona	Supervise On	10/22/2025 1:30:09 PM
SubDirectory	LB137601	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115235,WP112831,WP112830,WP114310

39	Q3403-01MS2Ins	MH-18MS	MS	10/21/25 16:04		rubina	OK
40	Q3403-01MS3Post	MH-18MS	MS	10/21/25 16:04		rubina	OK
41	Q3412-01	TP-6	SAM	10/21/25 16:05		rubina	OK
42	CCV4	CCV4	CCV	10/21/25 16:05		rubina	OK
43	CCB4	CCB4	CCB	10/21/25 16:06		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137602

Review By	rubina	Review On	10/21/2025 4:39:58 PM
Supervise By	Iwona	Supervise On	10/21/2025 4:40:24 PM
SubDirectory	LB137602	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115266,WP115267,WP115268,WP115269,WP115270,WP115271,WP115272
ICV Standard	WP115273
CCV Standard	WP115267
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115157,WP114324,WP115274

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/21/25 10:18		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/21/25 10:18		rubina	OK
3	10PPBCN	10PPBCN	CAL3	10/21/25 10:18		rubina	OK
4	50PPBCN	50PPBCN	CAL4	10/21/25 10:18		rubina	OK
5	100PPBCN	100PPBCN	CAL5	10/21/25 10:18		rubina	OK
6	250PPBCN	250PPBCN	CAL6	10/21/25 10:18		rubina	OK
7	500PPBCN	500PPBCN	CAL7	10/21/25 10:18		rubina	OK
8	ICV1	ICV1	ICV	10/21/25 12:16		rubina	OK
9	ICB1	ICB1	ICB	10/21/25 12:16		rubina	OK
10	CCV1	CCV1	CCV	10/21/25 12:16		rubina	OK
11	CCB1	CCB1	CCB	10/21/25 12:16		rubina	OK
12	PB170152BL	PB170152BL	MB	10/21/25 12:16		rubina	OK
13	Q3369-04	MH-22	SAM	10/21/25 12:24		rubina	OK
14	Q3369-04DUP	MH-22DUP	DUP	10/21/25 12:24		rubina	OK
15	Q3369-08	MH-21	SAM	10/21/25 12:24		rubina	OK
16	Q3374-04	TP-4-WC	SAM	10/21/25 12:24		rubina	OK
17	Q3374-08	TP-5-WC	SAM	10/21/25 12:24		rubina	OK
18	Q3381-02	VNJ-222	SAM	10/21/25 12:24		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137602

Review By	rubina	Review On	10/21/2025 4:39:58 PM
Supervise By	Iwona	Supervise On	10/21/2025 4:40:24 PM
SubDirectory	LB137602	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115266,WP115267,WP115268,WP115269,WP115270,WP115271,WP115272
ICV Standard	WP115273
CCV Standard	WP115267
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115157,WP114324,WP115274

19	Q3381-04	VNJ-245	SAM	10/21/25 12:24		rubina	OK
20	Q3381-06	RBR200059	SAM	10/21/25 12:24		rubina	OK
21	Q3381-08	VNJ-255	SAM	10/21/25 12:24		rubina	OK
22	CCV2	CCV2	CCV	10/21/25 12:32		rubina	OK
23	CCB2	CCB2	CCB	10/21/25 12:32		rubina	OK
24	Q3388-02	461	SAM	10/21/25 12:32		rubina	OK
25	Q3392-04	MH-20	SAM	10/21/25 12:32		rubina	OK
26	Q3392-08	MH-19	SAM	10/21/25 12:32		rubina	OK
27	Q3390-02	4174	SAM	10/21/25 12:32		rubina	OK
28	PB170174BL	PB170174BL	MB	10/21/25 12:32		rubina	OK
29	Q3368-07	PRESS-SLUDGE	SAM	10/21/25 12:39		rubina	OK
30	Q3397-04	TP-7-WC	SAM	10/21/25 12:39		rubina	OK
31	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/21/25 12:39		rubina	OK
32	Q3368-06DUP	OUTSIDE-DUMPSTE	DUP	10/21/25 12:39		rubina	OK
33	Q3399-02	COMP-ROLLOFF	SAM	10/21/25 12:39		rubina	OK
34	CCV3	CCV3	CCV	10/21/25 12:39		rubina	OK
35	CCB3	CCB3	CCB	10/21/25 12:47		rubina	OK
36	Q3402-03	41-LA	SAM	10/21/25 12:47		rubina	OK
37	Q3402-06	41-RA	SAM	10/21/25 12:47		rubina	OK
38	Q3402-09	41-LB	SAM	10/21/25 12:47		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137602

Review By	rubina	Review On	10/21/2025 4:39:58 PM
Supervise By	Iwona	Supervise On	10/21/2025 4:40:24 PM
SubDirectory	LB137602	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115266,WP115267,WP115268,WP115269,WP115270,WP115271,WP115272
ICV Standard	WP115273
CCV Standard	WP115267
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP115157,WP114324,WP115274

39	Q3402-12	41-RB	SAM	10/21/25 12:47		rubina	OK
40	Q3403-04	MH-18	SAM	10/21/25 12:47		rubina	OK
41	Q3404-02	MOO-25-0285-0288	SAM	10/21/25 12:47		rubina	OK
42	Q3404-06	MOO-25-0292	SAM	10/21/25 12:47		rubina	OK
43	Q3406-02	ARS20-0037	SAM	10/21/25 12:53		rubina	OK
44	Q3412-04	TP-6	SAM	10/21/25 12:53		rubina	OK
45	CCV4	CCV4	CCV	10/21/25 12:53		rubina	OK
46	CCB4	CCB4	CCB	10/21/25 12:53		rubina	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137603

Review By	jignesh	Review On	10/22/2025 9:56:55 AM
Supervise By	Iwona	Supervise On	10/22/2025 10:24:29 AM
SubDirectory	LB137603	Test	Corrosivity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/21/25 12:30		Jignesh	OK
2	CAL2	CAL2	CAL	10/21/25 12:31		Jignesh	OK
3	CAL3	CAL3	CAL	10/21/25 12:33		Jignesh	OK
4	ICV	ICV	ICV	10/21/25 12:35		Jignesh	OK
5	CCV1	CCV1	CCV	10/21/25 12:36		Jignesh	OK
6	Q3368-06	OUTSIDE-DUMPSTE	SAM	10/21/25 12:44		Jignesh	OK
7	Q3368-06DUP	OUTSIDE-DUMPSTE	DUP	10/21/25 12:46		Jignesh	OK
8	Q3368-07	PRESS-SLUDGE	SAM	10/21/25 12:49		Jignesh	OK
9	Q3397-04	TP-7-WC	SAM	10/21/25 12:50		Jignesh	OK
10	Q3399-02	COMP-ROLLOFF	SAM	10/21/25 13:00		Jignesh	OK
11	Q3402-03	41-LA	SAM	10/21/25 13:02		Jignesh	OK
12	Q3402-06	41-RA	SAM	10/21/25 13:05		Jignesh	OK
13	Q3402-09	41-LB	SAM	10/21/25 13:10		Jignesh	OK
14	Q3402-12	41-RB	SAM	10/21/25 13:15		Jignesh	OK
15	Q3403-04	MH-18	SAM	10/21/25 13:20		Jignesh	OK
16	CCV2	CCV2	CCV	10/21/25 13:25		Jignesh	OK
17	Q3404-02	MOO-25-0285-0288	SAM	10/21/25 13:30		Jignesh	OK
18	Q3404-06	MOO-25-0292	SAM	10/21/25 13:35		Jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137603

Review By	jignesh	Review On	10/22/2025 9:56:55 AM
Supervise By	Iwona	Supervise On	10/22/2025 10:24:29 AM
SubDirectory	LB137603	Test	Corrosivity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

19	Q3406-02	ARS20-0037	SAM	10/21/25 13:44		Jignesh	OK
20	Q3412-04	TP-6	SAM	10/21/25 13:50		Jignesh	OK
21	CCV3	CCV3	CCV	10/21/25 14:00		Jignesh	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137607

Review By	jignesh	Review On	10/22/2025 10:05:14 AM
Supervise By	Iwona	Supervise On	10/22/2025 10:23:57 AM
SubDirectory	LB137607	Test	pH

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/22/25 09:47		Jignesh	OK
2	CAL2	CAL2	CAL	10/22/25 09:48		Jignesh	OK
3	CAL3	CAL3	CAL	10/22/25 09:49		Jignesh	OK
4	ICV	ICV	ICV	10/22/25 09:50		Jignesh	OK
5	CCV1	CCV1	CCV	10/22/25 10:00		Jignesh	OK
6	Q3399-01	COMP-ROLLOFF	SAM	10/22/25 10:10		Jignesh	OK
7	Q3399-01DUP	COMP-ROLLOFFDUP	DUP	10/22/25 10:11		Jignesh	OK
8	CCV2	CCV2	CCV	10/22/25 10:14		Jignesh	OK

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Instrument ID: FILTER/GRAVIMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB137608

Review By	Eman	Review On	10/22/2025 4:52:26 PM
Supervise By	Iwona	Supervise On	10/22/2025 4:53:31 PM
SubDirectory	LB137608	Test	Paint Filter

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q3399-01	COMP-ROLLOFF	SAM	10/22/25 08:40		Eman	OK
2	Q3399-01DUP	COMP-ROLLOFFDUP	DUP	10/22/25 08:47		Eman	OK
3	Q3412-01	TP-6	SAM	10/22/25 08:54		Eman	OK
4	Q3416-01	NB-08-10212025	SAM	10/22/25 09:02		Eman	OK

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Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB137609

Review By	Eman	Review On	10/22/2025 4:51:35 PM
Supervise By	Iwona	Supervise On	10/22/2025 4:53:19 PM
SubDirectory	LB137609	Test	Ignitability

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q3399-02	COMP-ROLLOFF	SAM	10/22/25 09:15		Eman	OK
2	Q3399-02DUP	COMP-ROLLOFFDUP	DUP	10/22/25 09:22		Eman	OK
3	Q3404-02	MOO-25-0285-0288	SAM	10/22/25 09:29		Eman	OK
4	Q3404-06	MOO-25-0292	SAM	10/22/25 09:37		Eman	OK
5	Q3406-02	ARS20-0037	SAM	10/22/25 09:45		Eman	OK
6	Q3412-01	TP-6	SAM	10/22/25 09:52		Eman	OK
7	Q3412-04	TP-6	SAM	10/22/25 10:00		Eman	OK
8	Q3414-01	SB-1	SAM	10/22/25 10:08		Eman	OK
9	Q3414-02	SB-2	SAM	10/22/25 10:15		Eman	OK
10	Q3414-03	SB-3	SAM	10/22/25 10:22		Eman	OK
11	Q3414-04	SB-4	SAM	10/22/25 10:30		Eman	OK
12	Q3414-05	SB-5	SAM	10/22/25 10:37		Eman	OK
13	Q3414-06	SB-6	SAM	10/22/25 10:45		Eman	OK
14	Q3414-07	SB-7	SAM	10/22/25 10:52		Eman	OK
15	Q3414-08	SB-8	SAM	10/22/25 11:00		Eman	OK
16	Q3414-09	SB-9	SAM	10/22/25 11:07		Eman	OK
17	Q3414-10	SB-10	SAM	10/22/25 11:15		Eman	OK
18	Q3414-11	SB-11	SAM	10/22/25 11:22		Eman	OK

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Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB137609

Review By	Eman	Review On	10/22/2025 4:51:35 PM
Supervise By	Iwona	Supervise On	10/22/2025 4:53:19 PM
SubDirectory	LB137609	Test	Ignitability

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

19	Q3414-12	SB-12	SAM	10/22/25 11:30		Eman	OK
20	Q3414-13	SB-13	SAM	10/22/25 11:37		Eman	OK

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Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB137616

Review By	Iwona	Review On	10/22/2025 3:49:24 PM
Supervise By	jignesh	Supervise On	10/22/2025 3:53:29 PM
SubDirectory	LB137616	Test	Reactive Sulfide

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3248,W3213,W3149

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB170195BL	PB170195BL	MB	10/22/25 12:50		Iwona	OK
2	Q3392-04	MH-20	SAM	10/22/25 12:53		Iwona	OK
3	Q3392-04DUP	MH-20DUP	DUP	10/22/25 12:57		Iwona	OK
4	Q3392-08	MH-19	SAM	10/22/25 13:00		Iwona	OK
5	Q3399-02	COMP-ROLLOFF	SAM	10/22/25 13:03		Iwona	OK
6	Q3404-02	MOO-25-0285-0288	SAM	10/22/25 13:06		Iwona	OK
7	Q3404-06	MOO-25-0292	SAM	10/22/25 13:10		Iwona	OK
8	Q3406-02	ARS20-0037	SAM	10/22/25 13:13		Iwona	OK
9	Q3412-04	TP-6	SAM	10/22/25 13:16		Iwona	OK
10	Q3427-04	TP-8	SAM	10/22/25 13:20		Iwona	OK
11	PB169848BL	PB169848BL	MB	10/22/25 13:23		Iwona	OK
12	Q3188-01	4135	SAM	10/22/25 13:26		Iwona	OK

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Instrument ID: GRAVIMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB137631

Review By	rubina	Review On	10/27/2025 11:56:52 AM
Supervise By	Iwona	Supervise On	10/27/2025 11:58:21 AM
SubDirectory	LB137631	Test	Trivalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q3399-01	COMP-ROLLOFF	SAM	10/21/25 19:01		Ayul	OK

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25 12:00**			**10/20/25**
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:59	
			Paint Filter	9095B			10/22/25 08:40	
			pH	9045D			10/22/25 10:10	
			Trivalent Chromium	6010D			10/21/25 19:01	
Q3399-02	**COMP-ROLLOFF**	**SOIL**			**10/20/25 12:00**			**10/20/25**
			Corrosivity	9045D			10/21/25 13:00	
			Ignitability	1030			10/22/25 09:15	
			Reactive Cyanide	9012B		10/21/25	10/21/25 12:39	
			Reactive Sulfide	9034		10/22/25	10/22/25 13:03	

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB170174

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 10/21/2025 **Time :** 08:45 **Temp :** N/A

Matrix : SOIL

End Digest Date: 10/21/2025 **Time :** 10:15 **Temp :** N/A

Pippete ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** N/A

Block ID : MC-1,MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** RM

Weigh By : RM **pH Meter ID :** N/A **Supervisor Signature:** 12

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID		Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/2025 16:30	RM (WC)	RM (WC)
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB170174

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170174BL	PBS174	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06DUP	OUTSIDE-DUMPSTERDUP	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-07	PRESS-SLUDGE	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3397-04	TP-7-WC	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3399-02	COMP-ROLLOFF	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-03	41-LA	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-06	41-RA	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-09	41-LB	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-12	41-RB	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3403-04	MH-18	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3404-02	MOO-25-0285-0288	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3404-06	MOO-25-0292	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3406-02	ARS20-0037	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3412-04	TP-6	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB170189

SOP ID : M3060A,7196A-Hex.Chromium-27

SDG No : N/A

Start Digest Date: 10/21/2025 **Time :** 12:00 **Temp :** 90 °C

Matrix : SOIL

End Digest Date: 10/21/2025 **Time :** 13:00 **Temp :** 95 °C

Pippete ID : WC

if boiled 10/21/2025 13:45 90c
10/21/2025 14:45 95c RM

Balance ID : WC SC-7

Hood ID : HOOD#3 **Digestion tube ID :** M6054 **Block Thermometer ID :** WC-Block#1

Block ID : WC S-2, WC S-1 **Filter paper ID :** 400213 **Prep Technician Signature:** RM

Weigh By : RM **pH Meter ID :** WC pH meter-1 **Supervisor Signature:** 12

Standared Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP113880
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP113880
LCSS	1.0ML	WP113881
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP112903
HEX. DIGESTION SOLN.	50.0ML	WP114900
5M HNO3	5-7ML	WP112830
5N H2SO4	1-3ML	WP112831
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP115275
CAL3	CAL3	0.5ML	WP115275
CAL4	CAL4	1ML	WP115275
CAL5	CAL5	0.2ML	WP113880
CAL6	CAL6	1ML	WP113880
CAL7	CAL7	2.0ML	WP113880
ICV	ICV	1ML	WP113881
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP113880
CCB	CCB	2.5ML	W3112

10/21/2025 RM

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB170189

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170189BL	PBS189	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB170189BS	LCS189	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3375-01	PR132-S02-074099-20251016	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3375-02	PR132-S04-000013-20251016	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3375-03	PR132-S05-000057-20251016	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3375-04	PR132-S02-010074-20251016	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3375-05	PR132-DP02-074099-20251016	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3376-01	PR132-S05-057082-20251016	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3376-02	PR132-DP01-20251016	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3376-03	PR132-COMP2-20251016	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3376-04	PR132-S12-047072-20251016	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3376-05	PR132-S12-020047-20251016	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3383-01	OR-03-101725	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3397-01	TP-7-WC	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3399-01	COMP-ROLLOFF	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-01	41-LA	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-04	41-RA	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-07	41-LB	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3402-10	41-RB	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3403-01	MH-18	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3403-01DUP	MH-18DUP	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3403-01MSPre	MH-18MSPRE	2.55	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3403-01MS2Ins	MH-18MS2INS	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3403-01MS3Post	MH-18MS3POST	2.56	100	N/A	N/A	N/A	N/A	N/A	N/A
Q3412-01	TP-6	2.58	100	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB170195

SOP ID : M9030B-Sulfide-13

SDG No : N/A

Start Digest Date: 10/22/2025 **Time :** 09:20 **Temp :** N/A

Matrix : SOIL

End Digest Date: 10/22/2025 **Time :** 10:20 **Temp :** N/A

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#2 **Digestion tube ID :** M5595 **Block Thermometer ID :** N/A

Block ID : WC-DIST-BLOCK-1 **Filter paper ID :** N/A **Prep Technician Signature:** IZ

Weigh By : IZ **pH Meter ID :** N/A **Supervisor Signature:** JP

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP114311
FORMALDEHYDE	2.0ML	W3220
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

IZ 10/22/25

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB170195

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170195BL	PBS195	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3392-04DUP	MH-20DUP	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3392-04	MH-20	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3392-08	MH-19	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3399-02	COMP-ROLLOFF	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3404-02	MOO-25-0285-0288	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3404-06	MOO-25-0292	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3406-02	ARS20-0037	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3412-04	TP-6	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3427-04	TP-8	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A