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

LAB CHRONICLE

OrderID:	Q3266	**OrderDate:**	10/1/2025 3:15:00 PM
Client:	CDM Smith	**Project:**	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	**ENV-3-6FT**	**SOIL**			**10/01/25**			**10/01/25**
			SVOC-TCL BNA -20	8270E		10/02/25	10/02/25	
Q3266-02	**ENV-4-6FT**	**SOIL**			**10/01/25**			**10/01/25**
			SVOC-TCL BNA -20	8270E		10/06/25	10/08/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3266

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**ENV-3-6FT**								
Q3266-01	ENV-3-6FT	SOIL	Benzophenone	*	340.000	J	0	0	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	Eicosyl heptafluorobutyrate	*	280.000	J	0	0	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	n-Hexadecanoic acid	*	290.000	J	0	0	ug/Kg
			Total Tics :		**910.00**				
			Total Concentration:		**910.00**				
Client ID :	**ENV-4-6FT**								
Q3266-02	ENV-4-6FT	SOIL	Benzophenone	*	210.000	J	0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	n-Hexadecanoic acid	*	390.000	J	0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	n-Tetracosanol-1	*	190.000	J	0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	Tetracosane	*	130.000	J	0	0	ug/Kg
			Total Tics :		**920.00**				
			Total Concentration:		**920.00**				

SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	U	390	820	ug/Kg
108-95-2	Phenol	55.0	U	55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.5	U	60.5	420	ug/Kg
95-57-8	2-Chlorophenol	60.7	U	60.7	420	ug/Kg
95-48-7	2-Methylphenol	74.4	U	74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.3	U	93.3	420	ug/Kg
98-86-2	Acetophenone	73.4	U	73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	200	ug/Kg
67-72-1	Hexachloroethane	43.8	U	43.8	420	ug/Kg
98-95-3	Nitrobenzene	45.5	U	45.5	420	ug/Kg
78-59-1	Isophorone	81.6	U	81.6	420	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.6	U	76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	70.4	U	70.4	420	ug/Kg
91-20-3	Naphthalene	56.5	U	56.5	420	ug/Kg
106-47-8	4-Chloroaniline	88.1	U	88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	63.0	U	63.0	420	ug/Kg
105-60-2	Caprolactam	130	U	130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71.4	U	71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	63.7	U	63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.3	U	49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72.4	U	72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	54.2	U	54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	56.0	U	56.0	420	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	420	ug/Kg
131-11-3	Dimethylphthalate	67.4	U	67.4	420	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	71.9	U	71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.6	U	83.6	420	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	420	ug/Kg
83-32-9	Acenaphthene	53.0	U	53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	820	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	820	ug/Kg
132-64-9	Dibenzofuran	56.5	U	56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	420	ug/Kg
84-66-2	Diethylphthalate	70.4	U	70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66.4	U	66.4	420	ug/Kg
86-73-7	Fluorene	63.0	U	63.0	420	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.9	U	81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.2	U	69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	63.0	U	63.0	420	ug/Kg
1912-24-9	Atrazine	84.6	U	84.6	420	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	820	ug/Kg
85-01-8	Phenanthrene	52.0	U	52.0	420	ug/Kg
120-12-7	Anthracene	82.9	U	82.9	420	ug/Kg
86-74-8	Carbazole	77.6	U	77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	420	ug/Kg
206-44-0	Fluoranthene	74.6	U	74.6	420	ug/Kg
129-00-0	Pyrene	89.6	U	89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91.3	U	91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	57.2	U	57.2	420	ug/Kg
218-01-9	Chrysene	49.5	U	49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	47.3	U	47.3	420	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	73.4	U	73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.4	U	72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.2	U	68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.9	U	63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.7	U	63.7	420	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68.2	U	68.2	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	147		18 - 112	98%	SPK: 150
13127-88-3	Phenol-d6	152		15 - 107	101%	SPK: 150
4165-60-0	Nitrobenzene-d5	107		18 - 107	107%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.4		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	116	*	10 - 105	116%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.881			
1146-65-2	Naphthalene-d8	481000	8.163			
15067-26-2	Acenaphthene-d10	259000	9.922			
1517-22-2	Phenanthrene-d10	433000	11.41			
1719-03-5	Chrysene-d12	361000	14.051			
1520-96-3	Perylene-d12	444000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000119-61-9	Benzophenone	340	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J		11.9	ug/Kg
1000351-83-5	Eicosyl heptafluorobutyrate	280	J		13.9	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.4	U	25.4	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.9	U	27.9	200	ug/Kg
95-57-8	2-Chlorophenol	28.0	U	28.0	200	ug/Kg
95-48-7	2-Methylphenol	34.3	U	34.3	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.0	U	43.0	200	ug/Kg
98-86-2	Acetophenone	33.9	U	33.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	47.2	U	47.2	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.4	U	54.4	91.8	ug/Kg
67-72-1	Hexachloroethane	20.2	U	20.2	200	ug/Kg
98-95-3	Nitrobenzene	21.0	U	21.0	200	ug/Kg
78-59-1	Isophorone	37.6	U	37.6	200	ug/Kg
88-75-5	2-Nitrophenol	66.8	U	66.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	74.4	U	74.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.3	U	35.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	32.5	U	32.5	200	ug/Kg
91-20-3	Naphthalene	26.0	U	26.0	200	ug/Kg
106-47-8	4-Chloroaniline	40.6	U	40.6	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.0	U	29.0	200	ug/Kg
105-60-2	Caprolactam	59.8	U	59.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.9	U	32.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.4	U	29.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.7	U	22.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.4	U	33.4	200	ug/Kg
92-52-4	1,1-Biphenyl	25.0	U	25.0	200	ug/Kg
91-58-7	2-Chloronaphthalene	25.8	U	25.8	200	ug/Kg
88-74-4	2-Nitroaniline	55.2	U	55.2	200	ug/Kg
131-11-3	Dimethylphthalate	31.1	U	31.1	200	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.2	U	33.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.6	U	38.6	200	ug/Kg
99-09-2	3-Nitroaniline	52.8	U	52.8	200	ug/Kg
83-32-9	Acenaphthene	24.4	U	24.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	26.0	U	26.0	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	200	ug/Kg
84-66-2	Diethylphthalate	32.5	U	32.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.6	U	30.6	200	ug/Kg
86-73-7	Fluorene	29.0	U	29.0	200	ug/Kg
100-01-6	4-Nitroaniline	73.7	U	73.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.8	U	37.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.9	U	31.9	200	ug/Kg
118-74-1	Hexachlorobenzene	29.0	U	29.0	200	ug/Kg
1912-24-9	Atrazine	39.0	U	39.0	200	ug/Kg
87-86-5	Pentachlorophenol	58.9	U	58.9	380	ug/Kg
85-01-8	Phenanthrene	24.0	U	24.0	200	ug/Kg
120-12-7	Anthracene	38.2	U	38.2	200	ug/Kg
86-74-8	Carbazole	35.8	U	35.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	55.0	U	55.0	200	ug/Kg
206-44-0	Fluoranthene	34.4	U	34.4	200	ug/Kg
129-00-0	Pyrene	41.3	U	41.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	81.9	U	81.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.1	U	42.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	26.4	U	26.4	200	ug/Kg
218-01-9	Chrysene	22.8	U	22.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.9	U	67.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	99.6	U	99.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.8	U	21.8	200	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.7	U	25.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	33.9	U	33.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.4	U	33.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.4	U	31.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.5	U	29.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.4	UQ	29.4	200	ug/Kg
123-91-1	1,4-Dioxane	51.9	U	51.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.4	U	31.4	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.3		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	84.4		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.4		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.6		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	56.8		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	95100	6.881			
1146-65-2	Naphthalene-d8	368000	8.163			
15067-26-2	Acenaphthene-d10	205000	9.922			
1517-22-2	Phenanthrene-d10	351000	11.41			
1719-03-5	Chrysene-d12	206000	14.057			
1520-96-3	Perylene-d12	264000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000119-61-9	Benzophenone	210	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J		11.9	ug/Kg
000506-51-4	n-Tetracosanol-1	190	J		13.9	ug/Kg
000646-31-1	Tetracosane	130	J		16.0	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Surrogate Summary

SW-846

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169953BL	PB169953BL	2-Fluorophenol	150	129	86		18	112
		Phenol-d6	150	132	88		15	107
		Nitrobenzene-d5	100	94.9	95		18	107
		2-Fluorobiphenyl	100	87.1	87		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	90.1	90		10	105
PB169953BS	PB169953BS	2-Fluorophenol	150	115	77		18	112
		Phenol-d6	150	117	78		15	107
		Nitrobenzene-d5	100	87.8	88		18	107
		2-Fluorobiphenyl	100	77.6	78		20	109
		2,4,6-Tribromophenol	150	130	87		10	116
		Terphenyl-d14	100	86.4	86		10	105
Q3266-01	ENV-3-6FT	2-Fluorophenol	150	147	98		18	112
		Phenol-d6	150	152	101		15	107
		Nitrobenzene-d5	100	107	107		18	107
		2-Fluorobiphenyl	100	91.4	91		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	116	116	*	10	105
Q3266-01MS	ENV-3-6FTMS	2-Fluorophenol	150	164	110		18	112
		Phenol-d6	150	172	115	*	15	107
		Nitrobenzene-d5	100	120	120	*	18	107
		2-Fluorobiphenyl	100	101	101		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	139	139	*	10	105
Q3266-01MSD	ENV-3-6FTMSD	2-Fluorophenol	150	153	102		18	112
		Phenol-d6	150	159	106		15	107
		Nitrobenzene-d5	100	112	112	*	18	107
		2-Fluorobiphenyl	100	95.1	95		20	109
		2,4,6-Tribromophenol	150	99.1	66		10	116
		Terphenyl-d14	100	127	127	*	10	105

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Surrogate Summary

SW-846

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169989BL	PB169989BL	2-Fluorophenol	150	134	90		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	78.3	78		18	107
		2-Fluorobiphenyl	100	80.7	81		20	109
		2,4,6-Tribromophenol	150	135	90		10	116
		Terphenyl-d14	100	81.6	82		10	105
PB169989BS	PB169989BS	2-Fluorophenol	150	133	88		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	74.7	75		18	107
		2-Fluorobiphenyl	100	78.4	78		20	109
		2,4,6-Tribromophenol	150	134	89		10	116
		Terphenyl-d14	100	81.0	81		10	105
Q3266-02	ENV-4-6FT	2-Fluorophenol	150	83.3	56		18	112
		Phenol-d6	150	84.4	56		15	107
		Nitrobenzene-d5	100	60.4	60		18	107
		2-Fluorobiphenyl	100	56.4	56		20	109
		2,4,6-Tribromophenol	150	78.6	52		10	116
		Terphenyl-d14	100	56.8	57		10	105
Q3289-05MS	72-11966MS	2-Fluorophenol	150	69.0	46		18	112
		Phenol-d6	150	68.5	46		15	107
		Nitrobenzene-d5	100	37.8	38		18	107
		2-Fluorobiphenyl	100	35.5	35		20	109
		2,4,6-Tribromophenol	150	64.8	43		10	116
		Terphenyl-d14	100	40.8	41		10	105
Q3289-05MSD	72-11966MSD	2-Fluorophenol	150	69.9	47		18	112
		Phenol-d6	150	69.6	46		15	107
		Nitrobenzene-d5	100	38.3	38		18	107
		2-Fluorobiphenyl	100	35.2	35		20	109
		2,4,6-Tribromophenol	150	65.8	44		10	116
		Terphenyl-d14	100	42.4	42		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3266-01MS		**Client Sample ID: ENV-3-6FTMS**									
Benzaldehyde	4100	0	2400	ug/Kg	59				10	171	
Phenol	4100	0	4000	ug/Kg	98				51	122	
bis(2-Chloroethyl)ether	4100	0	3800	ug/Kg	93				54	125	
2-Chlorophenol	4100	0	4000	ug/Kg	98				51	121	
2-Methylphenol	4100	0	4000	ug/Kg	98				47	125	
2,2-oxybis(1-Chloropropane)	4100	0	3200	ug/Kg	78				46	119	
Acetophenone	4100	0	4200	ug/Kg	102				55	128	
3+4-Methylphenols	4100	0	3900	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	4100	0	3900	ug/Kg	95				59	119	
Hexachloroethane	4100	0	3800	ug/Kg	93				51	116	
Nitrobenzene	4100	0	4000	ug/Kg	98				47	124	
Isophorone	4100	0	4100	ug/Kg	100				49	127	
2-Nitrophenol	4100	0	4500	ug/Kg	110				43	131	
2,4-Dimethylphenol	4100	0	4300	ug/Kg	105				63	151	
bis(2-Chloroethoxy)methane	4100	0	3800	ug/Kg	93				51	119	
2,4-Dichlorophenol	4100	0	4000	ug/Kg	98				50	122	
Naphthalene	4100	0	3800	ug/Kg	93				51	121	
4-Chloroaniline	4100	0	1300	ug/Kg	32				10	100	
Hexachlorobutadiene	4100	0	3900	ug/Kg	95				44	126	
Caprolactam	4100	0	5000	ug/Kg	122				51	134	
4-Chloro-3-methylphenol	4100	0	4300	ug/Kg	105				57	132	
2-Methylnaphthalene	4100	0	3700	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	8300	0	8700	ug/Kg	105				10	175	
2,4,6-Trichlorophenol	4100	0	4100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	4100	0	4100	ug/Kg	100				38	135	
1,1-Biphenyl	4100	0	4100	ug/Kg	100				55	131	
2-Chloronaphthalene	4100	0	3700	ug/Kg	90				48	124	
2-Nitroaniline	4100	0	4600	ug/Kg	112				47	134	
Dimethylphthalate	4100	0	4100	ug/Kg	100				54	120	
Acenaphthylene	4100	0	4400	ug/Kg	107				57	125	
2,6-Dinitrotoluene	4100	0	5400	ug/Kg	132	*			48	127	
3-Nitroaniline	4100	0	2600	ug/Kg	63				10	112	
Acenaphthene	4100	0	4000	ug/Kg	98				70	121	
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100				10	155	
4-Nitrophenol	8300	0	8300	ug/Kg	100				10	175	
Dibenzofuran	4100	0	3900	ug/Kg	95				52	114	
2,4-Dinitrotoluene	4100	0	4800	ug/Kg	117				41	140	
Diethylphthalate	4100	0	4200	ug/Kg	102				51	119	
4-Chlorophenyl-phenylether	4100	0	4000	ug/Kg	98				48	122	
Fluorene	4100	0	4000	ug/Kg	98				53	118	
4-Nitroaniline	4100	0	4800	ug/Kg	117				29	140	
4,6-Dinitro-2-methylphenol	4100	0	5100	ug/Kg	124				10	160	
N-Nitrosodiphenylamine	4100	0	3900	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	4100	0	3800	ug/Kg	93				65	121	
Hexachlorobenzene	4100	0	3300	ug/Kg	80				67	118	
Atrazine	4100	0	4400	ug/Kg	107				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	8300	0	7500	ug/Kg	90				13	153	
Phenanthrene	4100	0	3800	ug/Kg	93				52	128	
Anthracene	4100	0	3900	ug/Kg	95				62	124	
Carbazole	4100	0	3900	ug/Kg	95				59	119	
Di-n-butylphthalate	4100	0	4100	ug/Kg	100				55	125	
Fluoranthene	4100	180	3900	ug/Kg	91				44	125	
Pyrene	4100	220	5200	ug/Kg	121				37	122	
Butylbenzylphthalate	4100	0	5300	ug/Kg	129				44	135	
3,3-Dichlorobenzidine	4100	0	1900	ug/Kg	46				15	112	
Benzo(a)anthracene	4100	0	4200	ug/Kg	102				53	119	
Chrysene	4100	0	4200	ug/Kg	102				57	121	
bis(2-Ethylhexyl)phthalate	4100	0	4300	ug/Kg	105				42	169	
Di-n-octyl phthalate	4100	0	4000	ug/Kg	98				51	156	
Benzo(b)fluoranthene	4100	170	4300	ug/Kg	101				52	117	
Benzo(k)fluoranthene	4100	0	3600	ug/Kg	88				57	134	
Benzo(a)pyrene	4100	0	4300	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	4100	0	4100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	4100	0	4000	ug/Kg	98				43	123	
Benzo(g,h,i)perylene	4100	0	4200	ug/Kg	102				24	125	
1,2,4,5-Tetrachlorobenzene	4100	0	4100	ug/Kg	100				52	134	
1,4-Dioxane	4100	0	3400	ug/Kg	83				46	112	
2,3,4,6-Tetrachlorophenol	4100	0	4600	ug/Kg	112				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143865.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3266-01MSD		**Client Sample ID: ENV-3-6FTMSD**									
Benzaldehyde	4100	0	2200	ug/Kg	54		9		10	171	20
Phenol	4100	0	3700	ug/Kg	90		9		51	122	20
bis(2-Chloroethyl)ether	4100	0	3500	ug/Kg	85		9		54	125	20
2-Chlorophenol	4100	0	3600	ug/Kg	88		11		51	121	20
2-Methylphenol	4100	0	3700	ug/Kg	90		9		47	125	20
2,2-oxybis(1-Chloropropane)	4100	0	3000	ug/Kg	73		7		46	119	20
Acetophenone	4100	0	3900	ug/Kg	95		7		55	128	20
3+4-Methylphenols	4100	0	3600	ug/Kg	88		8		49	125	20
N-Nitroso-di-n-propylamine	4100	0	3600	ug/Kg	88		8		59	119	20
Hexachloroethane	4100	0	3600	ug/Kg	88		6		51	116	20
Nitrobenzene	4100	0	3700	ug/Kg	90		9		47	124	20
Isophorone	4100	0	3800	ug/Kg	93		7		49	127	20
2-Nitrophenol	4100	0	4300	ug/Kg	105		5		43	131	20
2,4-Dimethylphenol	4100	0	4000	ug/Kg	98		7		63	151	20
bis(2-Chloroethoxy)methane	4100	0	3500	ug/Kg	85		9		51	119	20
2,4-Dichlorophenol	4100	0	3800	ug/Kg	93		5		50	122	20
Naphthalene	4100	0	3500	ug/Kg	85		9		51	121	20
4-Chloroaniline	4100	0	1300	ug/Kg	32		0		10	100	20
Hexachlorobutadiene	4100	0	3700	ug/Kg	90		5		44	126	20
Caprolactam	4100	0	4600	ug/Kg	112		9		51	134	20
4-Chloro-3-methylphenol	4100	0	4000	ug/Kg	98		7		57	132	20
2-Methylnaphthalene	4100	0	3400	ug/Kg	83		8		59	123	20
Hexachlorocyclopentadiene	8300	0	8300	ug/Kg	100		5		10	175	20
2,4,6-Trichlorophenol	4100	0	3900	ug/Kg	95		5		33	141	20
2,4,5-Trichlorophenol	4100	0	3800	ug/Kg	93		7		38	135	20
1,1-Biphenyl	4100	0	3800	ug/Kg	93		7		55	131	20
2-Chloronaphthalene	4100	0	3400	ug/Kg	83		8		48	124	20
2-Nitroaniline	4100	0	4400	ug/Kg	107		5		47	134	20
Dimethylphthalate	4100	0	3900	ug/Kg	95		5		54	120	20
Acenaphthylene	4100	0	4100	ug/Kg	100		7		57	125	20
2,6-Dinitrotoluene	4100	0	5000	ug/Kg	122		8		48	127	20
3-Nitroaniline	4100	0	2500	ug/Kg	61		3		10	112	20
Acenaphthene	4100	0	3800	ug/Kg	93		5		70	121	20
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100		0		10	155	20
4-Nitrophenol	8300	0	7800	ug/Kg	94		6		10	175	20
Dibenzofuran	4100	0	3600	ug/Kg	88		8		52	114	20
2,4-Dinitrotoluene	4100	0	4500	ug/Kg	110		6		41	140	20
Diethylphthalate	4100	0	3900	ug/Kg	95		7		51	119	20
4-Chlorophenyl-phenylether	4100	0	3700	ug/Kg	90		9		48	122	20
Fluorene	4100	0	3700	ug/Kg	90		9		53	118	20
4-Nitroaniline	4100	0	4400	ug/Kg	107		9		29	140	20
4,6-Dinitro-2-methylphenol	4100	0	4800	ug/Kg	117		6		10	160	20
N-Nitrosodiphenylamine	4100	0	3600	ug/Kg	88		8		73	118	20
4-Bromophenyl-phenylether	4100	0	3500	ug/Kg	85		9		65	121	20
Hexachlorobenzene	4100	0	3100	ug/Kg	76		5		67	118	20
Atrazine	4100	0	4100	ug/Kg	100		7		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143865.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	8300	0	6900	ug/Kg	83		8		13	153	20
Phenanthrene	4100	0	3600	ug/Kg	88		6		52	128	20
Anthracene	4100	0	3600	ug/Kg	88		8		62	124	20
Carbazole	4100	0	3600	ug/Kg	88		8		59	119	20
Di-n-butylphthalate	4100	0	3800	ug/Kg	93		7		55	125	20
Fluoranthene	4100	0	3500	ug/Kg	85		7		44	125	20
Pyrene	4100	0	4700	ug/Kg	115		5		37	122	20
Butylbenzylphthalate	4100	0	5000	ug/Kg	122		6		44	135	20
3,3-Dichlorobenzidine	4100	0	1700	ug/Kg	41		11		15	112	20
Benzo(a)anthracene	4100	0	3800	ug/Kg	93		9		53	119	20
Chrysene	4100	0	4000	ug/Kg	98		4		57	121	20
bis(2-Ethylhexyl)phthalate	4100	0	4000	ug/Kg	98		7		42	169	20
Di-n-octyl phthalate	4100	0	3700	ug/Kg	90		9		51	156	20
Benzo(b)fluoranthene	4100	0	4000	ug/Kg	98		3		52	117	20
Benzo(k)fluoranthene	4100	0	3500	ug/Kg	85		3		57	134	20
Benzo(a)pyrene	4100	0	4000	ug/Kg	98		7		70	142	20
Indeno(1,2,3-cd)pyrene	4100	0	3700	ug/Kg	90		11		40	129	20
Dibenz(a,h)anthracene	4100	0	3600	ug/Kg	88		11		43	123	20
Benzo(g,h,i)perylene	4100	0	3900	ug/Kg	95		7		24	125	20
1,2,4,5-Tetrachlorobenzene	4100	0	3800	ug/Kg	93		7		52	134	20
1,4-Dioxane	4100	0	3100	ug/Kg	76		9		46	112	20
2,3,4,6-Tetrachlorophenol	4100	0	4300	ug/Kg	105		6		24	146	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BP025935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3289-05MS		**Client Sample ID: 72-11966MS**									
Benzaldehyde	1100	0	710	ug/Kg	65				10	171	
Phenol	1100	0	970	ug/Kg	88				51	122	
bis(2-Chloroethyl)ether	1100	0	940	ug/Kg	85				54	125	
2-Chlorophenol	1100	0	990	ug/Kg	90				51	121	
2-Methylphenol	1100	0	960	ug/Kg	87				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	820	ug/Kg	75				46	119	
Acetophenone	1100	0	1100	ug/Kg	100				55	128	
3+4-Methylphenols	1100	0	920	ug/Kg	84				49	125	
N-Nitroso-di-n-propylamine	1100	0	860	ug/Kg	78				59	119	
Hexachloroethane	1100	0	930	ug/Kg	85				51	116	
Nitrobenzene	1100	0	950	ug/Kg	86				47	124	
Isophorone	1100	0	910	ug/Kg	83				49	127	
2-Nitrophenol	1100	0	1000	ug/Kg	91				43	131	
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	1100	0	950	ug/Kg	86				51	119	
2,4-Dichlorophenol	1100	0	1000	ug/Kg	91				50	122	
Naphthalene	1100	0	960	ug/Kg	87				51	121	
4-Chloroaniline	1100	0	630	ug/Kg	57				10	100	
Hexachlorobutadiene	1100	0	1000	ug/Kg	91				44	126	
Caprolactam	1100	0	890	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1100	0	960	ug/Kg	87				57	132	
2-Methylnaphthalene	1100	0	950	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73				10	175	
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91				38	135	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				55	131	
2-Chloronaphthalene	1100	0	1000	ug/Kg	91				48	124	
2-Nitroaniline	1100	0	960	ug/Kg	87				47	134	
Dimethylphthalate	1100	0	950	ug/Kg	86				54	120	
Acenaphthylene	1100	0	1000	ug/Kg	91				57	125	
2,6-Dinitrotoluene	1100	0	990	ug/Kg	90				48	127	
3-Nitroaniline	1100	0	720	ug/Kg	65				10	112	
Acenaphthene	1100	0	970	ug/Kg	88				70	121	
2,4-Dinitrophenol	2200	0	1700	ug/Kg	77				10	155	
4-Nitrophenol	2200	0	1500	ug/Kg	68				10	175	
Dibenzofuran	1100	0	960	ug/Kg	87				52	114	
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91				41	140	
Diethylphthalate	1100	0	960	ug/Kg	87				51	119	
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91				48	122	
Fluorene	1100	0	980	ug/Kg	89				53	118	
4-Nitroaniline	1100	0	890	ug/Kg	81				29	140	
4,6-Dinitro-2-methylphenol	1100	0	1000	ug/Kg	91				10	160	
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1000	ug/Kg	91				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BP025935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95				13	153	
Phenanthrene	1100	0	960	ug/Kg	87				52	128	
Anthracene	1100	0	980	ug/Kg	89				62	124	
Carbazole	1100	0	990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100	0	990	ug/Kg	90				55	125	
Fluoranthene	1100	0	1000	ug/Kg	91				44	125	
Pyrene	1100	0	990	ug/Kg	90				37	122	
Butylbenzylphthalate	1100	0	990	ug/Kg	90				44	135	
3,3-Dichlorobenzidine	1100	0	770	ug/Kg	70				15	112	
Benzo(a)anthracene	1100	0	990	ug/Kg	90				53	119	
Chrysene	1100	0	990	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	980	ug/Kg	89				42	169	
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91				51	156	
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91				52	117	
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91				57	134	
Benzo(a)pyrene	1100	0	1000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1000	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1100	0	1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100	0	1000	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1200	ug/Kg	109				52	134	
1,4-Dioxane	1100	0	810	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BP025936.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3289-05MSD		**Client Sample ID: 72-11966MSD**									
Benzaldehyde	1100	0	720	ug/Kg	65	0			10	171	20
Phenol	1100	0	980	ug/Kg	89	1			51	122	20
bis(2-Chloroethyl)ether	1100	0	930	ug/Kg	85	0			54	125	20
2-Chlorophenol	1100	0	1000	ug/Kg	91	1			51	121	20
2-Methylphenol	1100	0	980	ug/Kg	89	2			47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	830	ug/Kg	75	0			46	119	20
Acetophenone	1100	0	1100	ug/Kg	100	0			55	128	20
3+4-Methylphenols	1100	0	930	ug/Kg	85	1			49	125	20
N-Nitroso-di-n-propylamine	1100	0	890	ug/Kg	81	4			59	119	20
Hexachloroethane	1100	0	950	ug/Kg	86	1			51	116	20
Nitrobenzene	1100	0	960	ug/Kg	87	1			47	124	20
Isophorone	1100	0	920	ug/Kg	84	1			49	127	20
2-Nitrophenol	1100	0	1100	ug/Kg	100	9			43	131	20
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91	0			63	151	20
bis(2-Chloroethoxy)methane	1100	0	950	ug/Kg	86	0			51	119	20
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100	9			50	122	20
Naphthalene	1100	0	960	ug/Kg	87	0			51	121	20
4-Chloroaniline	1100	0	660	ug/Kg	60	5			10	100	20
Hexachlorobutadiene	1100	0	1000	ug/Kg	91	0			44	126	20
Caprolactam	1100	0	930	ug/Kg	85	5			51	134	20
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91	4			57	132	20
2-Methylnaphthalene	1100	0	990	ug/Kg	90	5			59	123	20
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73	0			10	175	20
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100	0			33	141	20
2,4,5-Trichlorophenol	1100	0	1100	ug/Kg	100	9			38	135	20
1,1-Biphenyl	1100	0	1100	ug/Kg	100	0			55	131	20
2-Chloronaphthalene	1100	0	1000	ug/Kg	91	0			48	124	20
2-Nitroaniline	1100	0	980	ug/Kg	89	2			47	134	20
Dimethylphthalate	1100	0	950	ug/Kg	86	0			54	120	20
Acenaphthylene	1100	0	990	ug/Kg	90	1			57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91	1			48	127	20
3-Nitroaniline	1100	0	730	ug/Kg	66	2			10	112	20
Acenaphthene	1100	0	960	ug/Kg	87	1			70	121	20
2,4-Dinitrophenol	2200	0	1800	ug/Kg	82	6			10	155	20
4-Nitrophenol	2200	0	1600	ug/Kg	73	7			10	175	20
Dibenzofuran	1100	0	960	ug/Kg	87	0			52	114	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91	0			41	140	20
Diethylphthalate	1100	0	970	ug/Kg	88	1			51	119	20
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91	0			48	122	20
Fluorene	1100	0	990	ug/Kg	90	1			53	118	20
4-Nitroaniline	1100	0	1000	ug/Kg	91	12			29	140	20
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100	9			10	160	20
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91	0			73	118	20
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100	9			65	121	20
Hexachlorobenzene	1100	0	1100	ug/Kg	100	0			67	118	20
Atrazine	1100	0	1100	ug/Kg	100	9			45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BP025936.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95	0			13	153	20
Phenanthrene	1100	0	1000	ug/Kg	91	4			52	128	20
Anthracene	1100	0	1000	ug/Kg	91	2			62	124	20
Carbazole	1100	0	1000	ug/Kg	91	1			59	119	20
Di-n-butylphthalate	1100	0	1000	ug/Kg	91	1			55	125	20
Fluoranthene	1100	0	1000	ug/Kg	91	0			44	125	20
Pyrene	1100	0	1000	ug/Kg	91	1			37	122	20
Butylbenzylphthalate	1100	0	1000	ug/Kg	91	1			44	135	20
3,3-Dichlorobenzidine	1100	0	810	ug/Kg	74	6			15	112	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91	1			53	119	20
Chrysene	1100	0	1000	ug/Kg	91	1			57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1000	ug/Kg	91	2			42	169	20
Di-n-octyl phthalate	1100	0	1100	ug/Kg	100	9			51	156	20
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91	0			52	117	20
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91	0			57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91	0			70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100	9			40	129	20
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100	9			43	123	20
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100	9			24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100	9			52	134	20
1,4-Dioxane	1100	0	810	ug/Kg	74	0			46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100	9			24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BF143891.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169953BS	Benzaldehyde	1700	410	ug/Kg	24				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	
	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BF143891.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169953BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BP025926.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169989BS	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				37	128	
	4-Nitrophenol	3300	2300	ug/Kg	70				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BP025926.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169989BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1800	ug/Kg	106		*		53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169953BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3266

Lab File ID: BF143890.D | Lab Sample ID: PB169953BL

Instrument ID: BNA_F | Date Extracted: 10/02/2025

Matrix: (soil/water) SOIL | Date Analyzed: 10/08/2025

Level: (low/med) LOW | Time Analyzed: 12:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169953BS	PB169953BS	BF143891.D	10/08/2025
ENV-3-6FT	Q3266-01	BF143863.D	10/02/2025
ENV-3-6FTMS	Q3266-01MS	BF143864.D	10/02/2025
ENV-3-6FTMSD	Q3266-01MSD	BF143865.D	10/02/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169989BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3266

Lab File ID: BP025925.D | Lab Sample ID: PB169989BL

Instrument ID: BNA_P | Date Extracted: 10/06/2025

Matrix: (soil/water) SOIL | Date Analyzed: 10/06/2025

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169989BS	PB169989BS	BP025926.D	10/06/2025
72-11966MS	Q3289-05MS	BP025935.D	10/06/2025
72-11966MSD	Q3289-05MSD	BP025936.D	10/06/2025
ENV-4-6FT	Q3266-02	BF143899.D	10/08/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Lab File ID: BF143790.D DFTPP Injection Date: 09/23/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 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	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	81.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (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	BF143791.D	09/23/2025	10:28
SSTDICC005	SSTDICC005	BF143792.D	09/23/2025	10:58
SSTDICC010	SSTDICC010	BF143793.D	09/23/2025	11:57
SSTDICC020	SSTDICC020	BF143794.D	09/23/2025	12:27
SSTDICCC040	SSTDICCC040	BF143795.D	09/23/2025	13:59
SSTDICC050	SSTDICC050	BF143796.D	09/23/2025	14:28
SSTDICC060	SSTDICC060	BF143797.D	09/23/2025	14:58
SSTDICC080	SSTDICC080	BF143798.D	09/23/2025	15:27

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3266

Lab File ID: BF143852.D | DFTPP Injection Date: 10/02/2025

Instrument ID: BNA_F | DFTPP Injection Time: 12:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.5) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.0
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BF143853.D	10/02/2025	13:36
ENV-3-6FT	Q3266-01	BF143863.D	10/02/2025	19:09
ENV-3-6FTMS	Q3266-01MS	BF143864.D	10/02/2025	19:38
ENV-3-6FTMSD	Q3266-01MSD	BF143865.D	10/02/2025	20:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Lab File ID: BF143874.D DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Lab File ID: BF143886.D DFTPP Injection Date: 10/08/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BF143887.D	10/08/2025	10:13
PB169953BL	PB169953BL	BF143890.D	10/08/2025	12:20
PB169953BS	PB169953BS	BF143891.D	10/08/2025	12:49
ENV-4-6FT	Q3266-02	BF143899.D	10/08/2025	17:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3266

Lab File ID: BP025724.D | DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P | DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
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	3.3
441	Present, but less than mass 443	79.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	13.7 (19.7) 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	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3266

Lab File ID: BP025923.D | DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_P | DFTPP Injection Time: 14:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	78.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.8 (19.6) 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	BP025924.D	10/06/2025	15:34
PB169989BL	PB169989BL	BP025925.D	10/06/2025	16:15
PB169989BS	PB169989BS	BP025926.D	10/06/2025	16:57
72-11966MS	Q3289-05MS	BP025935.D	10/06/2025	23:10
72-11966MSD	Q3289-05MSD	BP025936.D	10/06/2025	23:51

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3266

Client ID : SSTDCCC040 Date Analyzed: 10/02/2025

Lab File ID: BF143853.D Time Analyzed: 13:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	114791	6.887	408348	8.17	201182	9.92
	UPPER LIMIT	229582	7.387	816696	8.669	402364	10.422
	LOWER LIMIT	57395.5	6.387	204174	7.669	100591	9.422
	EPA SAMPLE NO.						
01	ENV-3-6FT	126293	6.88	481036	8.16	258523	9.92
02	ENV-3-6FTMS	119401	6.89	452831	8.17	241644	9.92
03	ENV-3-6FTMSD	132113	6.89	498372	8.17	264381	9.93

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.: Q3266

Client ID: SSTDCCC040 Date Analyzed: 10/02/2025

Lab File ID: BF143853.D Time Analyzed: 13:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	313026	11.41	379221	14.057	631257	15.533
	UPPER LIMIT	626052	11.91	758442	14.557	1262510	16.033
	LOWER LIMIT	156513	10.91	189611	13.557	315629	15.033
	EPA SAMPLE NO.						
01	ENV-3-6FT	433428	11.41	360731	14.05	444342	15.53
02	ENV-3-6FTMS	394825	11.41	306082	14.06	431989	15.53
03	ENV-3-6FTMSD	436632	11.41	345011	14.06	467433	15.53

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3266

Client ID : SSTDCCC040 Date Analyzed: 10/08/2025

Lab File ID: BF143887.D Time Analyzed: 10:13

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	125960	6.881	486402	8.17	269911	9.92
	UPPER LIMIT	251920	7.381	972804	8.669	539822	10.422
	LOWER LIMIT	62980	6.381	243201	7.669	134956	9.422
	EPA SAMPLE NO.						
01	PB169953BL	127094	6.88	497763	8.16	273707	9.92
02	PB169953BS	137733	6.88	539635	8.16	299662	9.93
03	ENV-4-6FT	95054	6.88	368458	8.16	204631	9.92

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.: Q3266

Client ID: SSTDCCC040 Date Analyzed: 10/08/2025

Lab File ID: BF143887.D Time Analyzed: 10:13

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	472445	11.416	292935	14.063	279333	15.539
	UPPER LIMIT	944890	11.916	585870	14.563	558666	16.039
	LOWER LIMIT	236223	10.916	146468	13.563	139667	15.039
	EPA SAMPLE NO.						
01	PB169953BL	502324	11.41	342677	14.06	291422	15.54
02	PB169953BS	525088	11.42	325733	14.06	295411	15.54
03	ENV-4-6FT	351450	11.41	205903	14.06	263892	15.53

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3266

Client ID : SSTDCCC040 Date Analyzed: 10/06/2025

Lab File ID: BP025924.D Time Analyzed: 15:34

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	192886	7.737	769676	10.50	505298	14.35
	UPPER LIMIT	385772	8.237	1539350	11.001	1010600	14.848
	LOWER LIMIT	96443	7.237	384838	10.001	252649	13.848
	EPA SAMPLE NO.						
01	72-11966MS	161138	7.74	617249	10.50	391056	14.34
02	72-11966MSD	153847	7.74	597298	10.50	396048	14.34
03	PB169989BL	166902	7.74	621599	10.50	409905	14.36
04	PB169989BS	182029	7.74	705808	10.50	446200	14.35

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.: Q3266

Client ID: SSTDCCC040 Date Analyzed: 10/06/2025

Lab File ID: BP025924.D Time Analyzed: 15:34

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1020790	17.154	1062720	21.613	1164050	24.942
	UPPER LIMIT	2041580	17.654	2125440	22.113	2328100	25.442
	LOWER LIMIT	510395	16.654	531360	21.113	582025	24.442
	EPA SAMPLE NO.						
01	72-11966MS	786547	17.14	846364	21.58	950988	24.92
02	72-11966MSD	796318	17.14	842677	21.58	987151	24.92
03	PB169989BL	834381	17.17	918841	21.60	970381	24.95
04	PB169989BS	872158	17.14	874721	21.59	970632	24.94

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
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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	MWCO CJO WTP Edison 295110			Date Received:	
Client Sample ID:	PB169953BL			SDG No.:	Q3266
Lab Sample ID:	PB169953BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	MWCO CJO WTP Edison 295110			Date Received:	
Client Sample ID:	PB169953BL			SDG No.:	Q3266
Lab Sample ID:	PB169953BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	129		18 - 112	86%	SPK: 150
13127-88-3	Phenol-d6	132		15 - 107	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.9		18 - 107	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.1		20 - 109	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		10 - 105	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.881			
1146-65-2	Naphthalene-d8	498000	8.163			
15067-26-2	Acenaphthene-d10	274000	9.922			
1517-22-2	Phenanthrene-d10	502000	11.41			
1719-03-5	Chrysene-d12	343000	14.057			
1520-96-3	Perylene-d12	291000	15.539			

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:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	MWCO CJO WTP Edison 295110			Date Received:	
Client Sample ID:	PB169989BL			SDG No.:	Q3266
Lab Sample ID:	PB169989BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	MWCO CJO WTP Edison 295110			Date Received:	
Client Sample ID:	PB169989BL			SDG No.:	Q3266
Lab Sample ID:	PB169989BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	134		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.3		18 - 107	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		20 - 109	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		10 - 116	90%	SPK: 150
1718-51-0	Terphenyl-d14	81.6		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.737			
1146-65-2	Naphthalene-d8	622000	10.501			
15067-26-2	Acenaphthene-d10	410000	14.36			
1517-22-2	Phenanthrene-d10	834000	17.166			
1719-03-5	Chrysene-d12	919000	21.601			
1520-96-3	Perylene-d12	970000	24.954			

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:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	410		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	MWCO CJO WTP Edison 295110			Date Received:	
Client Sample ID:	PB169953BS			SDG No.:	Q3266
Lab Sample ID:	PB169953BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		26.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3100	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
86-74-8	Carbazole	1400		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	115		18 - 112	77%	SPK: 150
13127-88-3	Phenol-d6	117		15 - 107	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.8		18 - 107	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.6		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		10 - 116	87%	SPK: 150
1718-51-0	Terphenyl-d14	86.4		10 - 105	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.881			
1146-65-2	Naphthalene-d8	540000	8.163			
15067-26-2	Acenaphthene-d10	300000	9.927			
1517-22-2	Phenanthrene-d10	525000	11.416			
1719-03-5	Chrysene-d12	326000	14.062			
1520-96-3	Perylene-d12	295000	15.539			

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:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	720		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1300		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600		120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1400		27.1	170	ug/Kg

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Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	MWCO CJO WTP Edison 295110			Date Received:	
Client Sample ID:	PB169989BS			SDG No.:	Q3266
Lab Sample ID:	PB169989BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	990		46.0	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2300		110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1400		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1400		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3000	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	133		18 - 112	88%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.7		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		10 - 116	89%	SPK: 150
1718-51-0	Terphenyl-d14	81.0		10 - 105	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	7.737			
1146-65-2	Naphthalene-d8	706000	10.502			
15067-26-2	Acenaphthene-d10	446000	14.348			
1517-22-2	Phenanthrene-d10	872000	17.142			
1719-03-5	Chrysene-d12	875000	21.589			
1520-96-3	Perylene-d12	971000	24.936			

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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2400		390	820	ug/Kg
108-95-2	Phenol	4000		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3800		60.4	420	ug/Kg
95-57-8	2-Chlorophenol	4000		60.7	420	ug/Kg
95-48-7	2-Methylphenol	4000		74.3	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		93.2	420	ug/Kg
98-86-2	Acetophenone	4200		73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	3900		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3900		120	200	ug/Kg
67-72-1	Hexachloroethane	3800		43.8	420	ug/Kg
98-95-3	Nitrobenzene	4000		45.5	420	ug/Kg
78-59-1	Isophorone	4100		81.6	420	ug/Kg
88-75-5	2-Nitrophenol	4500		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4300		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3800		76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	4000		70.4	420	ug/Kg
91-20-3	Naphthalene	3800		56.4	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.0	420	ug/Kg
87-68-3	Hexachlorobutadiene	3900		62.9	420	ug/Kg
105-60-2	Caprolactam	5000		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4300		71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	3700		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8700	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100		49.2	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100		72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	4100		54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	3700		55.9	420	ug/Kg
88-74-4	2-Nitroaniline	4600		120	420	ug/Kg
131-11-3	Dimethylphthalate	4100		67.4	420	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	4400		71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5400		83.5	420	ug/Kg
99-09-2	3-Nitroaniline	2600		110	420	ug/Kg
83-32-9	Acenaphthene	4000		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	8300	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3900		56.4	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4800		120	420	ug/Kg
84-66-2	Diethylphthalate	4200		70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4000		66.4	420	ug/Kg
86-73-7	Fluorene	4000		62.9	420	ug/Kg
100-01-6	4-Nitroaniline	4800		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3900		81.8	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		69.1	420	ug/Kg
118-74-1	Hexachlorobenzene	3300		62.9	420	ug/Kg
1912-24-9	Atrazine	4400		84.5	420	ug/Kg
87-86-5	Pentachlorophenol	7500	E	130	820	ug/Kg
85-01-8	Phenanthrene	3800		52.0	420	ug/Kg
120-12-7	Anthracene	3900		82.8	420	ug/Kg
86-74-8	Carbazole	3900		77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	4100		120	420	ug/Kg
206-44-0	Fluoranthene	3900		74.6	420	ug/Kg
129-00-0	Pyrene	5200		89.5	420	ug/Kg
85-68-7	Butylbenzylphthalate	5300		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	4200		57.2	420	ug/Kg
218-01-9	Chrysene	4200		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300		47.2	420	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	3600		55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	4300		73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4100		72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000		68.1	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200		63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4100		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3400		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4600		68.1	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	164		18 - 112	110%	SPK: 150
13127-88-3	Phenol-d6	172	*	15 - 107	115%	SPK: 150
4165-60-0	Nitrobenzene-d5	120	*	18 - 107	120%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		20 - 109	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	139	*	10 - 105	139%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000	6.887			
1146-65-2	Naphthalene-d8	453000	8.169			
15067-26-2	Acenaphthene-d10	242000	9.922			
1517-22-2	Phenanthrene-d10	395000	11.41			
1719-03-5	Chrysene-d12	306000	14.057			
1520-96-3	Perylene-d12	432000	15.533			

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:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	710		100	220	ug/Kg
108-95-2	Phenol	970		14.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		16.2	110	ug/Kg
95-57-8	2-Chlorophenol	990		16.3	110	ug/Kg
95-48-7	2-Methylphenol	960		19.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820		25.0	110	ug/Kg
98-86-2	Acetophenone	1100		19.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		27.4	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	860		31.6	53.3	ug/Kg
67-72-1	Hexachloroethane	930		11.7	110	ug/Kg
98-95-3	Nitrobenzene	950		12.2	110	ug/Kg
78-59-1	Isophorone	910		21.9	110	ug/Kg
88-75-5	2-Nitrophenol	1000		38.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		20.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		18.9	110	ug/Kg
91-20-3	Naphthalene	960		15.1	110	ug/Kg
106-47-8	4-Chloroaniline	630		23.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		16.9	110	ug/Kg
105-60-2	Caprolactam	890		34.7	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		19.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	950		17.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		77.3	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		19.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.0	110	ug/Kg
88-74-4	2-Nitroaniline	960		32.1	110	ug/Kg
131-11-3	Dimethylphthalate	950		18.1	110	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		19.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	990		22.4	110	ug/Kg
99-09-2	3-Nitroaniline	720		30.7	110	ug/Kg
83-32-9	Acenaphthene	970		14.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		150	220	ug/Kg
100-02-7	4-Nitrophenol	1500		71.3	220	ug/Kg
132-64-9	Dibenzofuran	960		15.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.4	110	ug/Kg
84-66-2	Diethylphthalate	960		18.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		17.8	110	ug/Kg
86-73-7	Fluorene	980		16.9	110	ug/Kg
100-01-6	4-Nitroaniline	890		42.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		68.7	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		21.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		18.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		16.9	110	ug/Kg
1912-24-9	Atrazine	1000		22.7	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	34.2	220	ug/Kg
85-01-8	Phenanthrene	960		13.9	110	ug/Kg
120-12-7	Anthracene	980		22.2	110	ug/Kg
86-74-8	Carbazole	990		20.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	990		31.9	110	ug/Kg
206-44-0	Fluoranthene	1000		20.0	110	ug/Kg
129-00-0	Pyrene	990		24.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	990		47.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		24.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	990		15.3	110	ug/Kg
218-01-9	Chrysene	990		13.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		39.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		57.9	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		14.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		19.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		18.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		17.1	110	ug/Kg
123-91-1	1,4-Dioxane	810		30.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		18.3	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.0		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	68.5		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.8		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.5		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.8		10 - 116	43%	SPK: 150
1718-51-0	Terphenyl-d14	40.8		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	161000	7.737			
1146-65-2	Naphthalene-d8	617000	10.501			
15067-26-2	Acenaphthene-d10	391000	14.342			
1517-22-2	Phenanthrene-d10	787000	17.142			
1719-03-5	Chrysene-d12	846000	21.577			
1520-96-3	Perylene-d12	951000	24.918			

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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2200		390	820	ug/Kg
108-95-2	Phenol	3700		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3500		60.5	420	ug/Kg
95-57-8	2-Chlorophenol	3600		60.8	420	ug/Kg
95-48-7	2-Methylphenol	3700		74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3000		93.4	420	ug/Kg
98-86-2	Acetophenone	3900		73.5	420	ug/Kg
65794-96-9	3+4-Methylphenols	3600		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3600		120	200	ug/Kg
67-72-1	Hexachloroethane	3600		43.8	420	ug/Kg
98-95-3	Nitrobenzene	3700		45.6	420	ug/Kg
78-59-1	Isophorone	3800		81.7	420	ug/Kg
88-75-5	2-Nitrophenol	4300		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4000		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3500		76.7	420	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		70.5	420	ug/Kg
91-20-3	Naphthalene	3500		56.5	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	3700		63.0	420	ug/Kg
105-60-2	Caprolactam	4600		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4000		71.5	420	ug/Kg
91-57-6	2-Methylnaphthalene	3400		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8300	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900		49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800		72.5	420	ug/Kg
92-52-4	1,1-Biphenyl	3800		54.3	420	ug/Kg
91-58-7	2-Chloronaphthalene	3400		56.0	420	ug/Kg
88-74-4	2-Nitroaniline	4400		120	420	ug/Kg
131-11-3	Dimethylphthalate	3900		67.5	420	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	4100		72.0	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5000		83.7	420	ug/Kg
99-09-2	3-Nitroaniline	2500		110	420	ug/Kg
83-32-9	Acenaphthene	3800		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	7800	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3600		56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500		120	420	ug/Kg
84-66-2	Diethylphthalate	3900		70.5	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3700		66.5	420	ug/Kg
86-73-7	Fluorene	3700		63.0	420	ug/Kg
100-01-6	4-Nitroaniline	4400		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4800		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3600		81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500		69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	3100		63.0	420	ug/Kg
1912-24-9	Atrazine	4100		84.7	420	ug/Kg
87-86-5	Pentachlorophenol	6900	E	130	820	ug/Kg
85-01-8	Phenanthrene	3600		52.0	420	ug/Kg
120-12-7	Anthracene	3600		82.9	420	ug/Kg
86-74-8	Carbazole	3600		77.7	420	ug/Kg
84-74-2	Di-n-butylphthalate	3800		120	420	ug/Kg
206-44-0	Fluoranthene	3500		74.7	420	ug/Kg
129-00-0	Pyrene	4700		89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	5000		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		91.4	820	ug/Kg
56-55-3	Benzo(a)anthracene	3800		57.3	420	ug/Kg
218-01-9	Chrysene	4000		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	3700		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		47.3	420	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	3500		55.8	420	ug/Kg
50-32-8	Benzo(a)pyrene	4000		73.5	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700		72.5	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600		68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900		64.0	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3800		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3100		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300		68.2	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	153		18 - 112	102%	SPK: 150
13127-88-3	Phenol-d6	159		15 - 107	106%	SPK: 150
4165-60-0	Nitrobenzene-d5	112	*	18 - 107	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.1		20 - 109	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.1		10 - 116	66%	SPK: 150
1718-51-0	Terphenyl-d14	127	*	10 - 105	127%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.886			
1146-65-2	Naphthalene-d8	498000	8.169			
15067-26-2	Acenaphthene-d10	264000	9.927			
1517-22-2	Phenanthrene-d10	437000	11.41			
1719-03-5	Chrysene-d12	345000	14.057			
1520-96-3	Perylene-d12	467000	15.533			

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,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	720		100	220	ug/Kg
108-95-2	Phenol	980		14.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		16.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		16.3	110	ug/Kg
95-48-7	2-Methylphenol	980		19.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830		25.0	110	ug/Kg
98-86-2	Acetophenone	1100		19.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	930		27.4	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	890		31.6	53.3	ug/Kg
67-72-1	Hexachloroethane	950		11.7	110	ug/Kg
98-95-3	Nitrobenzene	960		12.2	110	ug/Kg
78-59-1	Isophorone	920		21.9	110	ug/Kg
88-75-5	2-Nitrophenol	1100		38.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		20.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		18.9	110	ug/Kg
91-20-3	Naphthalene	960		15.1	110	ug/Kg
106-47-8	4-Chloroaniline	660		23.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		16.9	110	ug/Kg
105-60-2	Caprolactam	930		34.7	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	990		17.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		77.3	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		19.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.0	110	ug/Kg
88-74-4	2-Nitroaniline	980		32.1	110	ug/Kg
131-11-3	Dimethylphthalate	950		18.1	110	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	990		19.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		22.4	110	ug/Kg
99-09-2	3-Nitroaniline	730		30.7	110	ug/Kg
83-32-9	Acenaphthene	960		14.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		150	220	ug/Kg
100-02-7	4-Nitrophenol	1600		71.3	220	ug/Kg
132-64-9	Dibenzofuran	960		15.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.4	110	ug/Kg
84-66-2	Diethylphthalate	970		18.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		17.8	110	ug/Kg
86-73-7	Fluorene	990		16.9	110	ug/Kg
100-01-6	4-Nitroaniline	1000		42.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		68.6	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		21.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		18.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		16.9	110	ug/Kg
1912-24-9	Atrazine	1100		22.7	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	34.2	220	ug/Kg
85-01-8	Phenanthrene	1000		13.9	110	ug/Kg
120-12-7	Anthracene	1000		22.2	110	ug/Kg
86-74-8	Carbazole	1000		20.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		31.9	110	ug/Kg
206-44-0	Fluoranthene	1000		20.0	110	ug/Kg
129-00-0	Pyrene	1000		24.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		47.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810		24.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.3	110	ug/Kg
218-01-9	Chrysene	1000		13.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		39.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		57.8	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		14.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		19.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		18.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.1	110	ug/Kg
123-91-1	1,4-Dioxane	810		30.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		18.3	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.9		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	69.6		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.3		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.2		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.8		10 - 116	44%	SPK: 150
1718-51-0	Terphenyl-d14	42.4		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.737			
1146-65-2	Naphthalene-d8	597000	10.502			
15067-26-2	Acenaphthene-d10	396000	14.342			
1517-22-2	Phenanthrene-d10	796000	17.136			
1719-03-5	Chrysene-d12	843000	21.577			
1520-96-3	Perylene-d12	987000	24.918			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143791.D 5 =BF143792.D 10 =BF143793.D 20 =BF143794.D 40 =BF143795.D 50 =BF143796.D 60 =BF143797.D 80 =BF1437
98.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.594	0.575	0.598	0.640	0.558	0.582	0.577	0.589	4.40
3)		Pyridine		1.585	1.522	1.624	1.724	1.535	1.603	1.541	1.590	4.40
4)		n-Nitrosodimet...			0.744	0.812	0.851	0.775	0.818	0.785	0.797	4.71
5)	S	2-Fluorophenol			1.258	1.326	1.329	1.156	1.193	1.124	1.231	7.08
6)		Aniline		2.283	2.120	2.158	2.145	1.940	1.978	1.826	2.064	7.55
7)	S	Phenol-d6			1.507	1.530	1.523	1.336	1.371	1.267	1.422	7.90
8)		2-Chlorophenol		1.304	1.254	1.329	1.335	1.209	1.244	1.146	1.260	5.45
9)		Benzaldehyde			1.066	0.952	1.467	1.327	1.538	1.123	1.246	18.81
10)	C	Phenol		1.762	1.708	1.737	1.748	1.534	1.622	1.463	1.653	7.07
11)		bis(2-Chloroet...		1.387	1.321	1.347	1.367	1.223	1.270	1.156	1.296	6.47
12)		1,3-Dichlorobe...		1.622	1.493	1.556	1.544	1.345	1.385	1.297	1.463	8.34
13)	C	1,4-Dichlorobe...		1.634	1.496	1.549	1.537	1.339	1.380	1.287	1.460	8.68
14)		1,2-Dichlorobe...		1.558	1.407	1.465	1.449	1.277	1.309	1.215	1.383	8.73
15)		Benzyl Alcohol			1.022	1.074	1.088	1.004	1.042	0.936	1.028	5.32
16)		2,2'-oxybis(1-...		3.320	3.136	3.224	3.231	2.896	2.966	2.738	3.073	6.87
17)		2-Methylphenol		1.033	0.990	1.009	1.021	0.938	0.959	0.880	0.976	5.52
18)		Hexachloroethane		0.555	0.512	0.543	0.543	0.482	0.493	0.468	0.514	6.60
19)	P	n-Nitroso-di-n...	1.078	0.991	0.932	0.926	0.914	0.842	0.869	0.764	0.915	10.34
20)		3+4-Methylphenols			1.292	1.256	1.274	1.137	1.147	1.023	1.188	8.78
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.500	0.466	0.468	0.463	0.401	0.404	0.373	0.439	10.54
23)	S	Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.330	0.308	0.327	5.40
24)		Nitrobenzene		0.362	0.354	0.369	0.389	0.357	0.361	0.342	0.362	3.96
25)		Isophorone		0.667	0.636	0.649	0.673	0.624	0.634	0.575	0.637	5.11
26)	C	2-Nitrophenol		0.089	0.104	0.125	0.148	0.150	0.156	0.150	0.132	20.10
27)		2,4-Dimethylph...		0.292	0.280	0.291	0.303	0.280	0.286	0.261	0.285	4.65
28)		bis(2-Chloroet...		0.455	0.430	0.430	0.437	0.393	0.392	0.360	0.414	8.03
29)	C	2,4-Dichloroph...		0.277	0.286	0.288	0.298	0.273	0.278	0.260	0.280	4.37
30)		1,2,4-Trichlor...		0.314	0.288	0.304	0.309	0.275	0.279	0.264	0.291	6.52
31)		Naphthalene		1.058	1.021	1.020	1.003	0.887	0.888	0.826	0.957	9.26
32)		Benzoic acid			0.124	0.091	0.140	0.148	0.159	0.161	0.137	19.26
33)		4-Chloroaniline		0.360	0.347	0.353	0.355	0.323	0.323	0.295	0.336	7.04
34)	C	Hexachlorobuta...		0.227	0.219	0.223	0.233	0.206	0.210	0.199	0.217	5.64
35)		Caprolactam			0.066	0.069	0.075	0.074	0.076	0.070	0.072	5.47
36)	C	4-Chloro-3-met...		0.271	0.260	0.271	0.276	0.261	0.262	0.238	0.263	4.81
37)		2-Methylnaphth...		0.685	0.650	0.643	0.635	0.568	0.572	0.521	0.611	9.49
38)		1-Methylnaphth...		0.656	0.618	0.610	0.612	0.550	0.550	0.496	0.584	9.36

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.634	0.636	0.628	0.559	0.562	0.549	0.604	7.43
41)	P	Hexachlorocycl...		0.336	0.371	0.418	0.382	0.401	0.387	0.383	7.32
42)	S	2,4,6-Tribromo...		0.303	0.324	0.328	0.281	0.275	0.266	0.296	8.83
43)	C	2,4,6-Trichlor...	0.344	0.358	0.386	0.422	0.379	0.392	0.365	0.378	6.71
44)		2,4,5-Trichlor...	0.371	0.391	0.419	0.423	0.380	0.402	0.381	0.395	5.09
45)	S	2-Fluorobiphenyl		1.476	1.460	1.351	1.154	1.153	1.096	1.282	13.12
46)		1,1'-Biphenyl	1.608	1.541	1.564	1.495	1.331	1.326	1.269	1.448	9.37
47)		2-Chloronaphth...	1.283	1.223	1.243	1.215	1.077	1.080	1.036	1.165	8.38
48)		2-Nitroaniline	0.241	0.305	0.355	0.400	0.380	0.400	0.386	0.352	16.77
49)		Acenaphthylene	1.729	1.659	1.700	1.691	1.499	1.513	1.440	1.604	7.27
50)		Dimethylphthalate	1.275	1.233	1.252	1.286	1.173	1.191	1.122	1.219	4.87
51)		2,6-Dinitrotol...	0.138	0.161	0.198	0.228	0.224	0.231	0.221	0.200	18.41
52)	C	Acenaphthene	1.134	1.121	1.123	1.109	0.974	0.976	0.953	1.056	7.87
53)		3-Nitroaniline	0.171	0.210	0.245	0.283	0.259	0.267	0.264	0.243	16.09
54)	P	2,4-Dinitrophenol		0.052	0.040	0.063	0.066	0.076	0.084	0.064	25.20
55)		Dibenzofuran	1.649	1.551	1.590	1.561	1.377	1.392	1.329	1.493	8.32
56)	P	4-Nitrophenol		0.197	0.169	0.208	0.193	0.197	0.210	0.196	7.39
57)		2,4-Dinitrotol...	0.151	0.210	0.254	0.307	0.295	0.308	0.300	0.261	23.18
58)		Fluorene	1.275	1.210	1.190	1.147	1.005	0.986	0.956	1.110	11.33
59)		2,3,4,6-Tetrac...	0.272	0.309	0.349	0.373	0.355	0.361	0.352	0.339	10.45
60)		Diethylphthalate	1.158	1.170	1.174	1.211	1.100	1.109	1.066	1.141	4.44
61)		4-Chlorophenyl...	0.621	0.592	0.601	0.590	0.528	0.524	0.504	0.566	8.09
62)		4-Nitroaniline	0.162	0.204	0.228	0.264	0.242	0.243	0.255	0.228	15.32
63)		Azobenzene	1.260	1.221	1.246	1.279	1.148	1.163	1.101	1.203	5.49
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.045	0.047	0.070	0.074	0.083	0.084	0.067	25.99
66)	c	n-Nitrosodiphe...	0.707	0.675	0.688	0.682	0.621	0.637	0.594	0.658	6.27
67)		4-Bromophenyl-...	0.344	0.333	0.349	0.361	0.334	0.342	0.324	0.341	3.52
68)		Hexachlorobenzene	0.492	0.470	0.488	0.492	0.447	0.461	0.437	0.470	4.80
69)		Atrazine	0.178	0.191	0.198	0.211	0.186	0.187	0.183	0.190	5.63
70)	C	Pentachlorophenol		0.180	0.216	0.256	0.239	0.254	0.259	0.234	13.17
71)		Phenanthrene	1.145	1.066	1.071	1.082	0.948	0.954	0.921	1.027	8.27
72)		Anthracene	1.096	1.069	1.088	1.083	0.965	0.963	0.945	1.030	6.65
73)		Carbazole	0.916	0.931	0.949	0.976	0.839	0.846	0.847	0.901	6.23
74)		Di-n-butylphth...	0.940	1.008	1.075	1.157	1.019	1.019	1.031	1.036	6.45
75)	C	Fluoranthene	1.019	1.046	1.099	1.144	0.953	0.956	1.012	1.033	6.83
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.438	0.444	0.511	0.571	0.553	0.407	0.487	13.78
78)		Pyrene	1.038	0.982	0.991	1.005	0.990	1.011	0.867	0.983	5.54
79)	S	Terphenyl-d14		1.044	1.013	1.022	0.981	0.989	0.852	0.983	6.95
80)		Butylbenzylpht...	0.251	0.298	0.335	0.391	0.367	0.381	0.358	0.340	14.74
81)		Benzo(a)anthra...	1.109	1.081	1.083	1.148	1.040	1.065	0.995	1.074	4.55
82)		3,3'-Dichlorob...		0.426	0.465	0.497	0.459	0.480	0.466	0.465	5.06
83)		Chrysene	1.041	0.985	0.996	1.018	0.909	0.941	0.916	0.972	5.25
84)		Bis(2-ethylhex...	0.428	0.477	0.514	0.558	0.505	0.516	0.492	0.499	8.01
85)	c	Di-n-octyl pht...		0.767	0.877	1.013	0.902	0.937	0.930	0.905	9.00

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.483	1.426	1.580	1.608	1.509	1.548	1.468	1.517	4.26
88)		Benzo(b)fluora...	0.987	1.004	1.029	1.104	1.002	1.002	1.000	1.018	3.91
89)		Benzo(k)fluora...	1.061	1.004	1.079	1.089	0.996	1.029	0.905	1.023	6.18
90)	C	Benzo(a)pyrene	0.928	0.920	0.989	1.027	0.949	0.971	0.918	0.957	4.25
91)		Dibenzo(a,h)an...	1.207	1.187	1.302	1.332	1.237	1.257	1.166	1.241	4.87
92)		Benzo(g,h,i)pe...	1.134	1.116	1.234	1.279	1.200	1.244	1.168	1.196	5.01

(#) = Out of Range

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF1438
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)		Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)		n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5)	S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)		Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7)	S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)		2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)		Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10)	C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)		bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)		1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13)	C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)		1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)		Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)		2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)		2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)		Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19)	P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)		3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23)	S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)		Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)		Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26)	C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)		2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)		bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29)	C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)		1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)		Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)		Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)		4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34)	C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)		Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36)	C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)		2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)		1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38
41)	P	Hexachlorocycl...		0.182	0.216	0.257	0.246	0.240	0.235	0.229	11.77
42)	S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51
43)	C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07
44)		2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34
45)	S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04
46)		1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77
47)		2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50
48)		2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43
49)		Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11
50)		Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29
51)		2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13
52)	C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21
53)		3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59
54)	P	2,4-Dinitrophenol		0.061	0.094	0.120	0.143	0.144	0.146	0.118	29.25
55)		Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13
56)	P	4-Nitrophenol		0.173	0.215	0.234	0.230	0.228	0.230	0.218	10.55
57)		2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30
58)		Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21
59)		2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49
60)		Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62
61)		4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43
62)		4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25
63)		Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.065	0.092	0.111	0.112	0.114	0.110	0.101	19.26
66)	c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22
67)		4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74
68)		Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59
69)		Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44
70)	C	Pentachlorophenol		0.117	0.152	0.157	0.154	0.154	0.147	0.147	10.10
71)		Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94
72)		Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43
73)		Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10
74)		Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76
75)	C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.701	0.719	0.761	0.651	0.640		0.694	7.16
78)		Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87
79)	S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70
80)		Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31
81)		Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49
82)		3,3'-Dichlorob...		0.364	0.403	0.440	0.401	0.404	0.381	0.399	6.41
83)		Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41
84)		Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70
85)	c	Di-n-octyl pht...		0.837	1.009	1.194	1.108	1.151	1.133	1.072	12.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97
88)		Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63
89)		Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11
90)	C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17
91)		Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89
92)		Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

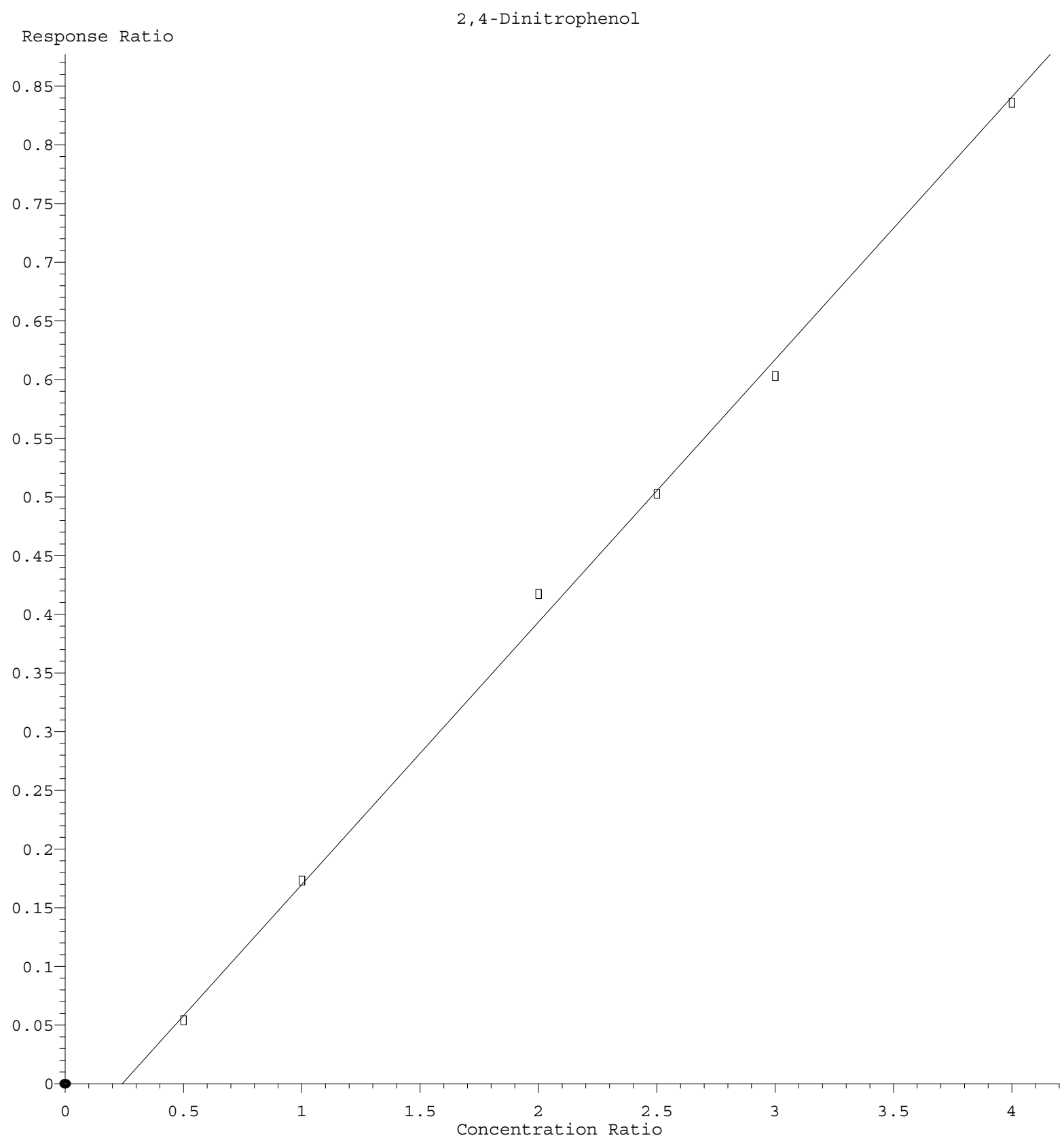
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41)	P	Hexachlorocycl...		0.225	0.326	0.380	0.351	0.347	0.351	0.330	16.40
42)	S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43)	C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)		2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45)	S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)		1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)		2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)		2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)		Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)		Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)		2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52)	C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)		3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54)	P	2,4-Dinitrophenol		0.108	0.173	0.209	0.201	0.201	0.209	0.183	21.35
55)		Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56)	P	4-Nitrophenol		0.148	0.255	0.307	0.273	0.280	0.288	0.258	22.01
57)		2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)		Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)		2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)		Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)		4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)		4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)		Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.093	0.135	0.151	0.143	0.137	0.139	0.133	15.14
66)	c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)		4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)		Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)		Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70)	C	Pentachlorophenol		0.132	0.168	0.179	0.167	0.161	0.163	0.162	9.85
71)		Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)		Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)		Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)		Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75)	C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.523	0.537	0.653	0.631	0.578	0.536	0.576	9.47
78)		Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79)	S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)		Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)		Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)		3,3'-Dichlorob...		0.425	0.499	0.518	0.488	0.468	0.442	0.473	7.45
83)		Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)		Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85)	c	Di-n-octyl pht...		1.315	1.604	1.670	1.531	1.513	1.504	1.523	7.87

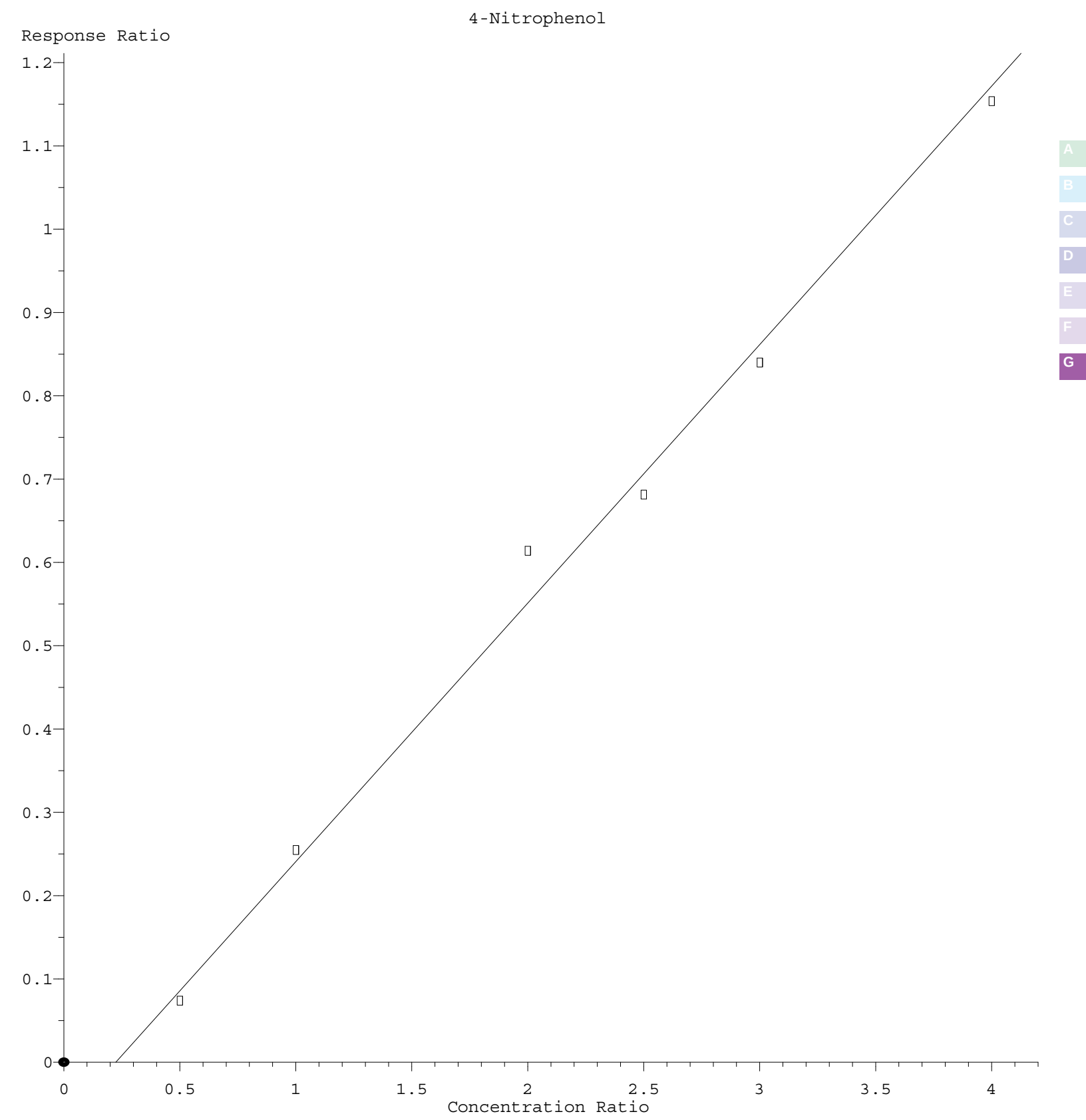
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)		Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)		Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90)	C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)		Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)		Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range



Response = 2.238e-001 * Amt - 5.399e-002
Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025



Response = 3.103e-001 * Amt - 6.955e-002
Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: BNA_F Calibration Date/Time: 10/02/2025 13:36

Lab File ID: BF143853.D Init. Calib. Date(s): 09/23/2025 09/23/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 15:27

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.231	1.304		5.9	
Benzaldehyde	1.246	1.169		-6.2	
Phenol-d6	1.422	1.462		2.8	
Phenol	1.653	1.799		8.8	20.0
bis(2-Chloroethyl)ether	1.296	1.295		-0.1	
2-Chlorophenol	1.260	1.317		4.5	
2-Methylphenol	0.976	1.002		2.7	
2,2-oxybis(1-Chloropropane)	3.073	2.464		-19.8	
Acetophenone	0.439	0.440		0.2	
3+4-Methylphenols	1.185	1.233		4.0	
n-Nitroso-di-n-propylamine	0.915	0.846	0.050	-7.5	
Nitrobenzene-d5	0.327	0.349		6.7	
Hexachloroethane	0.514	0.522		1.6	
Nitrobenzene	0.362	0.377		4.1	
Isophorone	0.637	0.637		0.0	
2-Nitrophenol	0.132	0.175		32.6	20.0
2,4-Dimethylphenol	0.285	0.293		2.8	
bis(2-Chloroethoxy)methane	0.414	0.412		-0.5	
2,4-Dichlorophenol	0.280	0.306		9.3	20.0
Naphthalene	0.957	0.982		2.6	
4-Chloroaniline	0.336	0.356		6.0	
Hexachlorobutadiene	0.217	0.242		11.5	20.0
Caprolactam	0.072	0.077		6.9	
4-Chloro-3-methylphenol	0.263	0.277		5.3	20.0
2-Methylnaphthalene	0.611	0.634		3.8	
Hexachlorocyclopentadiene	0.383	0.366	0.050	-4.4	
2,4,6-Trichlorophenol	0.378	0.430		13.8	20.0
2-Fluorobiphenyl	1.282	1.374		7.2	
2,4,5-Trichlorophenol	0.395	0.447		13.2	
1,1-Biphenyl	1.448	1.497		3.4	
2-Chloronaphthalene	1.165	1.227		5.3	
2-Nitroaniline	0.352	0.411		16.8	
Dimethylphthalate	1.219	1.263		3.6	
Acenaphthylene	1.604	1.675		4.4	
2,6-Dinitrotoluene	0.200	0.248		24.0	
3-Nitroaniline	0.243	0.290		19.3	
Acenaphthene	1.056	1.107		4.8	20.0
2,4-Dinitrophenol	0.064	0.082	0.050	28.1	
4-Nitrophenol	0.196	0.191	0.050	-2.6	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: BNA_F Calibration Date/Time: 10/02/2025 13:36

Lab File ID: BF143853.D Init. Calib. Date(s): 09/23/2025 09/23/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 15:27

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.493	1.565		4.8	
2,4-Dinitrotoluene	0.261	0.333		27.6	
Diethylphthalate	1.141	1.171		2.6	
4-Chlorophenyl-phenylether	0.566	0.620		9.5	
Fluorene	1.110	1.166		5.0	
4-Nitroaniline	0.228	0.266		16.7	
4,6-Dinitro-2-methylphenol	0.067	0.087		29.9	
n-Nitrosodiphenylamine	0.658	0.683		3.8	20.0
2,4,6-Tribromophenol	0.296	0.461		55.7	
4-Bromophenyl-phenylether	0.341	0.413		21.1	
Hexachlorobenzene	0.470	0.626		33.2	
Atrazine	0.190	0.198		4.2	
Pentachlorophenol	0.234	0.296		26.5	20.0
Phenanthrene	1.027	1.070		4.2	
Anthracene	1.030	1.071		4.0	
Carbazole	0.901	0.933		3.6	
Di-n-butylphthalate	1.036	1.033		-0.3	
Fluoranthene	1.033	1.102		6.7	20.0
Pyrene	0.983	0.951		-3.3	
Terphenyl-d14	0.983	1.048		6.6	
Butylbenzylphthalate	0.340	0.333		-2.1	
3,3-Dichlorobenzidine	0.465	0.532		14.4	
Benzo(a)anthracene	1.074	1.085		1.0	
Chrysene	0.972	1.025		5.5	
Bis(2-ethylhexyl)phthalate	0.499	0.451		-9.6	
Di-n-octyl phthalate	0.905	0.841		-7.1	20.0
Benzo(b)fluoranthene	1.019	1.082		6.3	
Benzo(k)fluoranthene	1.023	0.967		-5.5	
Benzo(a)pyrene	0.957	0.989		3.3	20.0
Indeno(1,2,3-cd)pyrene	1.517	1.758		15.9	
Dibenzo(a,h)anthracene	1.241	1.457		17.4	
Benzo(g,h,i)perylene	1.196	1.390		16.2	
1,2,4,5-Tetrachlorobenzene	0.604	0.676		11.9	
1,4-Dioxane	0.589	0.616		4.6	20.0
2,3,4,6-Tetrachlorophenol	0.339	0.417		23.0	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: BNA_F Calibration Date/Time: 10/08/2025 10:13

Lab File ID: BF143887.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.370		8.8	
Benzaldehyde	1.158	1.366		18.0	
Phenol-d6	1.501	1.603		6.8	
Phenol	1.795	2.034		13.3	20.0
bis(2-Chloroethyl)ether	1.386	1.486		7.2	
2-Chlorophenol	1.231	1.334		8.4	
2-Methylphenol	1.017	1.097		7.9	
2,2-oxybis(1-Chloropropane)	3.156	3.374		6.9	
Acetophenone	0.423	0.443		4.7	
3+4-Methylphenols	1.179	1.286		9.1	
n-Nitroso-di-n-propylamine	1.028	1.050	0.050	2.1	
Nitrobenzene-d5	0.329	0.359		9.1	
Hexachloroethane	0.485	0.525		8.2	
Nitrobenzene	0.366	0.402		9.8	
Isophorone	0.694	0.729		5.0	
2-Nitrophenol	0.157	0.171		8.9	20.0
2,4-Dimethylphenol	0.282	0.311		10.3	
bis(2-Chloroethoxy)methane	0.438	0.454		3.7	
2,4-Dichlorophenol	0.294	0.312		6.1	20.0
Naphthalene	0.910	0.956		5.1	
4-Chloroaniline	0.341	0.360		5.6	
Hexachlorobutadiene	0.201	0.216		7.5	20.0
Caprolactam	0.093	0.102		9.7	
4-Chloro-3-methylphenol	0.282	0.302		7.1	20.0
2-Methylnaphthalene	0.606	0.626		3.3	
Hexachlorocyclopentadiene	0.229	0.244	0.050	6.6	
2,4,6-Trichlorophenol	0.404	0.428		5.9	20.0
2-Fluorobiphenyl	1.260	1.197		-5.0	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.324	1.365		3.1	
2-Chloronaphthalene	1.104	1.147		3.9	
2-Nitroaniline	0.349	0.394		12.9	
Dimethylphthalate	1.270	1.326		4.4	
Acenaphthylene	1.552	1.636		5.4	
2,6-Dinitrotoluene	0.236	0.266		12.7	
3-Nitroaniline	0.288	0.320		11.1	
Acenaphthene	1.017	1.047		3.0	20.0
2,4-Dinitrophenol	0.118	0.115	0.050	-2.5	
4-Nitrophenol	0.218	0.245	0.050	12.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: BNA_F Calibration Date/Time: 10/08/2025 10:13

Lab File ID: BF143887.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.486		3.5	
2,4-Dinitrotoluene	0.320	0.367		14.7	
Diethylphthalate	1.180	1.260		6.8	
4-Chlorophenyl-phenylether	0.573	0.587		2.4	
Fluorene	1.083	1.100		1.6	
4-Nitroaniline	0.277	0.308		11.2	
4,6-Dinitro-2-methylphenol	0.101	0.104		3.0	
n-Nitrosodiphenylamine	0.628	0.645		2.7	20.0
2,4,6-Tribromophenol	0.199	0.213		7.0	
4-Bromophenyl-phenylether	0.221	0.221		0.0	
Hexachlorobenzene	0.256	0.262		2.3	
Atrazine	0.190	0.196		3.2	
Pentachlorophenol	0.147	0.152		3.4	20.0
Phenanthrene	0.970	0.981		1.1	
Anthracene	0.980	1.010		3.1	
Carbazole	0.868	0.895		3.1	
Di-n-butylphthalate	1.005	1.079		7.4	
Fluoranthene	1.002	1.052		5.0	20.0
Pyrene	1.667	1.756		5.3	
Terphenyl-d14	1.170	1.254		7.2	
Butylbenzylphthalate	0.542	0.605		11.6	
3,3-Dichlorobenzidine	0.399	0.417		4.5	
Benzo(a)anthracene	1.309	1.342		2.5	
Chrysene	1.211	1.288		6.4	
Bis(2-ethylhexyl)phthalate	0.653	0.714		9.3	
Di-n-octyl phthalate	1.072	1.129		5.3	20.0
Benzo(b)fluoranthene	1.149	1.192		3.7	
Benzo(k)fluoranthene	1.063	1.203		13.2	
Benzo(a)pyrene	0.996	1.095		9.9	20.0
Indeno(1,2,3-cd)pyrene	1.225	1.337		9.1	
Dibenzo(a,h)anthracene	0.986	1.080		9.5	
Benzo(g,h,i)perylene	0.986	1.074		8.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.573		3.6	
1,4-Dioxane	0.583	0.664		13.9	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.328		8.6	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: BNA_P Calibration Date/Time: 10/06/2025 15:34

Lab File ID: BP025924.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.259		1.5	
Benzaldehyde	0.987	1.230		24.6	
Phenol-d6	1.648	1.630		-1.1	
Phenol	1.737	1.761		1.4	20.0
bis(2-Chloroethyl)ether	1.396	1.398		0.1	
2-Chlorophenol	1.360	1.410		3.7	
2-Methylphenol	1.171	1.171		0.0	
2,2-oxybis(1-Chloropropane)	2.283	2.036		-10.8	
Acetophenone	0.534	0.535		0.2	
3+4-Methylphenols	1.640	1.594		-2.8	
n-Nitroso-di-n-propylamine	1.149	1.084	0.050	-5.7	
Nitrobenzene-d5	0.453	0.403		-11.0	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.409		0.5	
Isophorone	0.797	0.763		-4.3	
2-Nitrophenol	0.181	0.201		11.1	20.0
2,4-Dimethylphenol	0.317	0.293		-7.6	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
2,4-Dichlorophenol	0.316	0.334		5.7	20.0
Naphthalene	1.078	1.068		-0.9	
4-Chloroaniline	0.449	0.409		-8.9	
Hexachlorobutadiene	0.229	0.239		4.4	20.0
Caprolactam	0.122	0.115		-5.7	
4-Chloro-3-methylphenol	0.377	0.374		-0.8	20.0
2-Methylnaphthalene	0.693	0.761		9.8	
Hexachlorocyclopentadiene	0.330	0.311	0.050	-5.8	
2,4,6-Trichlorophenol	0.398	0.428		7.5	20.0
2-Fluorobiphenyl	1.502	1.339		-10.9	
2,4,5-Trichlorophenol	0.443	0.456		2.9	
1,1-Biphenyl	1.468	1.475		0.5	
2-Chloronaphthalene	1.156	1.164		0.7	
2-Nitroaniline	0.385	0.383		-0.5	
Dimethylphthalate	1.527	1.498		-1.9	
Acenaphthylene	1.915	1.710		-10.7	
2,6-Dinitrotoluene	0.324	0.316		-2.5	
3-Nitroaniline	0.340	0.343		0.9	
Acenaphthene	1.104	1.107		0.3	20.0
2,4-Dinitrophenol	0.183	0.180	0.050	-1.6	
4-Nitrophenol	0.258	0.275	0.050	6.6	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q3266

Instrument ID: BNA_P Calibration Date/Time: 10/06/2025 15:34

Lab File ID: BP025924.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.764		-2.0	
2,4-Dinitrotoluene	0.460	0.469		2.0	
Diethylphthalate	1.549	1.510		-2.5	
4-Chlorophenyl-phenylether	0.721	0.730		1.2	
Fluorene	1.431	1.407		-1.7	
4-Nitroaniline	0.349	0.345		-1.1	
4,6-Dinitro-2-methylphenol	0.133	0.145		9.0	
n-Nitrosodiphenylamine	0.612	0.606		-1.0	20.0
2,4,6-Tribromophenol	0.249	0.265		6.4	
4-Bromophenyl-phenylether	0.220	0.235		6.8	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.229		-2.1	
Pentachlorophenol	0.162	0.158		-2.5	20.0
Phenanthrene	1.135	1.118		-1.5	
Anthracene	1.151	1.127		-2.1	
Carbazole	1.070	1.067		-0.3	
Di-n-butylphthalate	1.313	1.345		2.4	
Fluoranthene	1.361	1.348		-1.0	20.0
Pyrene	1.335	1.369		2.5	
Terphenyl-d14	1.112	1.007		-9.4	
Butylbenzylphthalate	0.585	0.589		0.7	
3,3-Dichlorobenzidine	0.473	0.454		-4.0	
Benzo(a)anthracene	1.369	1.358		-0.8	
Chrysene	1.305	1.276		-2.2	
Bis(2-ethylhexyl)phthalate	0.856	0.846		-1.2	
Di-n-octyl phthalate	1.523	1.539		1.1	20.0
Benzo(b)fluoranthene	1.223	1.227		0.3	
Benzo(k)fluoranthene	1.248	1.243		-0.4	
Benzo(a)pyrene	1.198	1.158		-3.3	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.470		1.1	
Dibenzo(a,h)anthracene	1.190	1.204		1.2	
Benzo(g,h,i)perylene	1.171	1.151		-1.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.641		5.8	
1,4-Dioxane	0.520	0.491		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.395		-1.0	

All other compounds must meet a minimum RRF of 0.010.