

Instrument ID: **MSVOA_L**

Daily Analysis Runlog For Sequence/QC Batch ID # VL041125

Review By	Semsettin Yesilyurt	Review On	4/16/2025 9:18:47 PM		
Supervise By	Maresh Dadoda	Supervise On	4/17/2025 1:40:37 PM		
SubDirectory	VL041125	HP Acquire Method	TO15AIR.M	HP Processing Method	VL032725AIR.M
STD. NAME		STD REF.#			
Tune/Reschk		AP2591			
Initial Calibration Stds		AP2593,AP2595,AP2596			
CCC		AP2593			
Internal Standard/PEM		AP2591			
ICV/I.BLK		AP2594			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042311.D	11 Apr 2025 08:18	SY/MD	Ok
2	VSTDCCC010	VL042312.D	11 Apr 2025 09:50	SY/MD	Ok,M
3	VL0411ABL01	VL042313.D	11 Apr 2025 10:36	SY/MD	Ok
4	VL0411ABS01	VL042314.D	11 Apr 2025 11:23	SY/MD	Ok,M
5	QC041025CAN 10596	VL042315.D	11 Apr 2025 12:08	SY/MD	Not Ok
6	QC041025CAN 10596	VL042316.D	11 Apr 2025 12:40	SY/MD	Ok
7	Q1665-03	VL042317.D	11 Apr 2025 13:15	SY/MD	Dilution
8	Q1665-03DUP	VL042318.D	11 Apr 2025 13:52	SY/MD	Ok,M
9	Q1665-10	VL042319.D	11 Apr 2025 14:27	SY/MD	Dilution
10	Q1665-11	VL042320.D	11 Apr 2025 15:01	SY/MD	Dilution
11	Q1665-18	VL042321.D	11 Apr 2025 15:36	SY/MD	Dilution
12	Q1665-03DL	VL042322.D	11 Apr 2025 16:08	SY/MD	Ok
13	Q1665-10DL	VL042323.D	11 Apr 2025 16:39	SY/MD	Dilution
14	Q1665-11DL	VL042324.D	11 Apr 2025 17:10	SY/MD	Ok,M

M : Manual Integration

Process Report

Order ID : Q1880

Date	Bottle ID	Lab Sample Number	InComing Vacuum	Canister ID	Can Size	Reg ID	Reg Size	Batch Code	Certification ID
04/25/2025	B2504018	Q1880-11	-1.4	10602	6 L	10203		C2504004	VL042307.D Seq :vl041025 TUNE : VL042299.D ICAL : VL042177.D CCAL : VL042300.D MB : VL042301.D
04/25/2025	B2504018	Q1880-10	-8.0	10326	6 L	10476		C2504004	VL042307.D Seq :vl041025 TUNE : VL042299.D ICAL : VL042177.D CCAL : VL042300.D MB : VL042301.D
04/25/2025	B2504018	Q1880-09	-7.1	10300	6 L	10110		C2504003	VL042219.D Seq :VL040425 TUNE : VL042214.D ICAL : VL042177.D CCAL : VL042215.D MB : VL042216.D
04/25/2025	B2504018	Q1880-08	-2.7	10282	6 L	10771		C2504005	VL042308.D Seq :vl041025 TUNE : VL042299.D ICAL : VL042177.D CCAL : VL042300.D MB : VL042301.D
04/25/2025	B2504018	Q1880-07	-6.3	10158	6 L	10785		C2504004	VL042307.D Seq :vl041025 TUNE : VL042299.D ICAL : VL042177.D CCAL : VL042300.D MB : VL042301.D
04/25/2025	B2504018	Q1880-06	-7.0	10024	6 L	10206		C2504005	VL042308.D Seq :vl041025 TUNE : VL042299.D ICAL : VL042177.D CCAL : VL042300.D MB : VL042301.D

Process Report

Order ID : Q1880

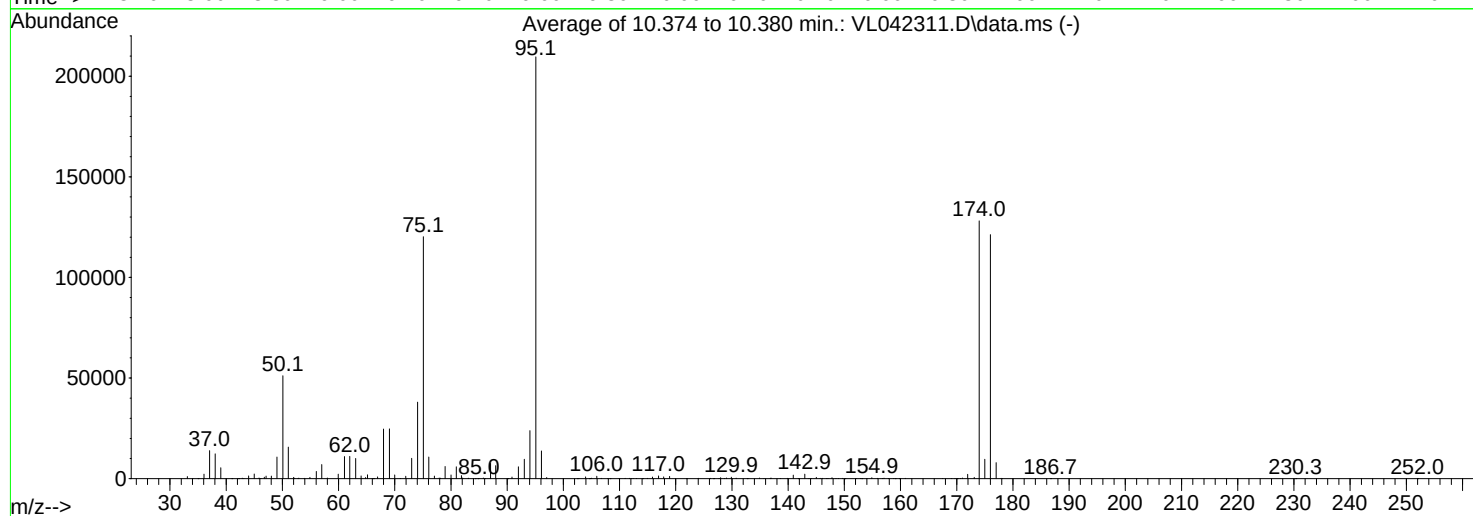
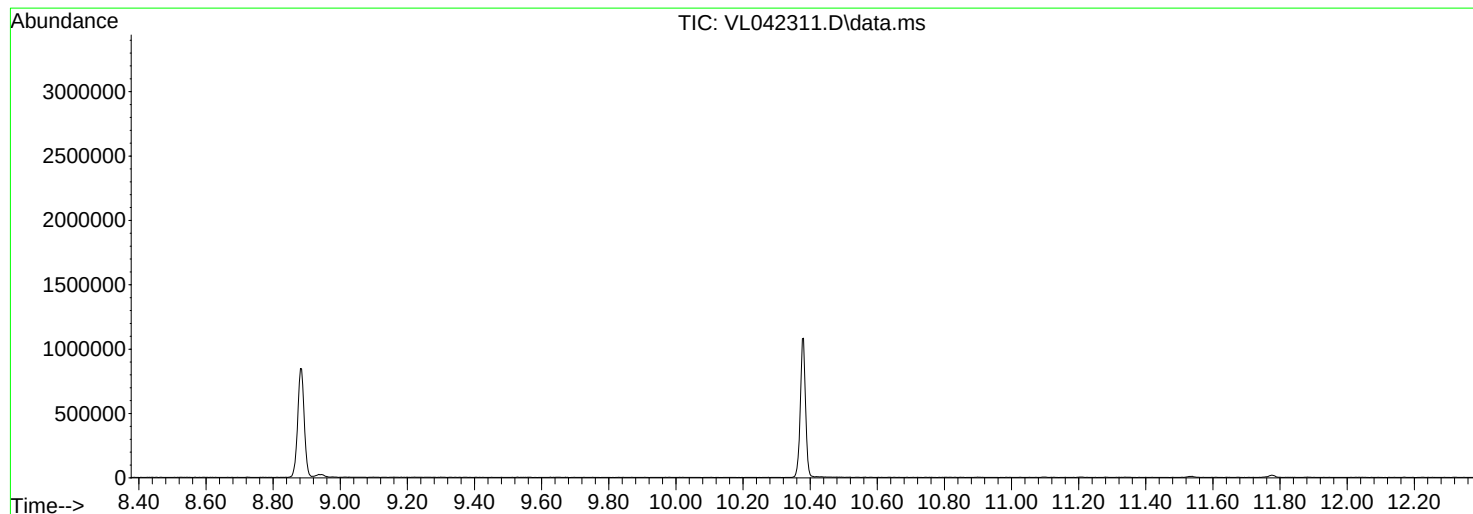
Date	Bottle ID	Lab Sample Number	InComing Vacuum	Canister ID	Can Size	Reg ID	Reg Size	Batch Code	Certification ID
04/25/2025	B2504019	Q1880-04	-5.9	10333	6 L	10222		C2504006	VL042316.D Seq :VL041125 TUNE : VL042311.D ICAL : VL042177.D CCAL : VL042312.D MB : VL042313.D
04/25/2025	B2504019	Q1880-05	-4.7	10401	6 L	10236		C2504007	VL042330.D Seq :VL041525 TUNE : VL042325.D ICAL : VL042177.D CCAL : VL042326.D MB : VL042327.D
04/25/2025	B2504019	Q1880-03	-5.9	10323	6 L	10537		C2504007	VL042330.D Seq :VL041525 TUNE : VL042325.D ICAL : VL042177.D CCAL : VL042326.D MB : VL042327.D
04/25/2025	B2504019	Q1880-02	-6.3	10268	6 L	10183		C2504007	VL042330.D Seq :VL041525 TUNE : VL042325.D ICAL : VL042177.D CCAL : VL042326.D MB : VL042327.D
04/25/2025	B2504019	Q1880-01	-6.7	10258	6 L	10567		C2504007	VL042330.D Seq :VL041525 TUNE : VL042325.D ICAL : VL042177.D CCAL : VL042326.D MB : VL042327.D

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042311.D
Acq On : 11 Apr 2025 08:18
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
Last Update : Fri Mar 28 02:00:52 2025



AutoFind: Scans 3178, 3179, 3180; Background Corrected with Scan 3165

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.4	51160	PASS
75	95	30	66	57.3	120195	PASS
95	95	100	100	100.0	209621	PASS
96	95	5	9	6.6	13755	PASS
173	174	0.00	2	0.5	631	PASS
174	95	50	120	61.1	128109	PASS
175	174	4	9	7.5	9591	PASS
176	174	93	101	94.7	121299	PASS
177	176	5	9	6.6	7977	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042312.D
 Acq On : 11 Apr 2025 09:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/16/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 22:56:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	183700	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	463746	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	401340	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 318204 9.655 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	264775	9.762	ppbv	100
3) Chlorodifluoromethane	1.476	51	287991	10.394	ppbv	97
4) Chloromethane	1.531	50	111786	10.085	ppbv	98
5) Vinyl Chloride	1.580	62	102342	8.713	ppbv	95
6) Bromomethane	1.667	94	43054	8.571	ppbv	99
7) Chloroethane	1.703	64	41946	9.427	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	224489	9.719	ppbv	94
9) Propene	1.483	41	117677	9.266	ppbv	99
10) Heptane	4.981	43	334707	9.908	ppbv	100
11) Trichlorofluoromethane	1.877	101	250122	9.477	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	193510	8.920	ppbv	97
13) Ethanol	1.722	45	5849	4.872	ppbv	89
14) Bromoethene	1.780	108	73294	8.820	ppbv	100
15) Acetone	1.835	43	231724	9.019	ppbv	97
16) 1,3-Butadiene	1.609	39	112297	8.950	ppbv	97
17) tert-Butyl alcohol	2.039	59	255575	7.987	ppbv	99
18) 1,1-Dichloroethene	2.033	96	89512	8.827	ppbv	98
19) Isopropyl Alcohol	1.887	45	125233	8.639	ppbv	92
20) Methylene Chloride	2.062	84	76968	8.044	ppbv	93
21) Allyl Chloride	2.098	41	162998	8.996	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	101974	8.700	ppbv	95
23) Vinyl Acetate	2.463	43	95152	8.557	ppbv	99
24) 1,1-Dichloroethane	2.408	63	207862	9.567	ppbv	99
25) Ethyl Acetate	2.835	43	678920	10.182	ppbv	99
26) Hexane	2.826	57	256866	9.973	ppbv	98
27) Carbon Disulfide	2.149	76	243367	8.812	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	129141	8.053	ppbv	96
29) Chloroform	2.848	83	393638	10.443	ppbv	98
30) Cyclohexane	3.858	84	203526	9.100	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	247194	9.454	ppbv	97
32) 1,1,1-Trichloroethane	3.370	97	380312	8.813	ppbv	98
34) 2-Butanone	2.557	43	380682	11.321	ppbv	98
35) Carbon Tetrachloride	3.764	117	390140	10.769	ppbv	98
36) Benzene	3.658	78	506278	11.012	ppbv	97
37) 1,2-Dichloroethane	3.221	62	292183	11.101	ppbv	99
38) Trichloroethene	4.551	130	203156	10.591	ppbv	96
39) 1,2-Dichloropropane	4.315	63	185497	11.079	ppbv	97
40) 1,4-Dioxane	4.583	88	82376	9.270	ppbv #	98
41) Tetrahydrofuran	3.056	42	216646	11.188	ppbv	93
42) Bromodichloromethane	4.493	83	413250	11.389	ppbv	99
43) Methyl Methacrylate	4.884	69	184472	9.478	ppbv	96
44) 2,2,4-Trimethylpentane	4.642	57	872871	11.235	ppbv	98
45) t-1,3-Dichloropropene	6.422	75	176804	8.467	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042312.D
 Acq On : 11 Apr 2025 09:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 22:56:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	236039	9.222	ppbv	99
47) 1,1,2-Trichloroethane	6.583	97	202891	11.463	ppbv	98
48) Dibromochloromethane	7.389	129	333128	11.106	ppbv	99
49) Bromoform	9.484	173	294489	10.935	ppbv	100
50) 4-Methyl-2-Pentanone	5.755	43	531851	9.980	ppbv	95
51) 2-Hexanone	7.438	43	424035	9.689	ppbv #	94
52) Tetrachloroethene	8.224	164	170989	9.378	ppbv	97
53) Toluene	6.936	91	547579	10.048	ppbv	99
54) 1,2-Dibromoethane	7.655	107	267225	10.831	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	271350	12.283	ppbv	100
57) Chlorobenzene	8.924	112	460598	12.099	ppbv	98
58) Ethyl Benzene	9.357	91	779227	10.931	ppbv	98
59) m/p-Xylene	9.552	91	1323463m	23.249	ppbv	
60) o-Xylene	9.966	91	660065	11.567	ppbv	96
61) Styrene	9.872	104	291355	10.320	ppbv	99
62) Isopropylbenzene	10.542	105	988337	11.582	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	446341	12.873	ppbv	99
64) n-propylbenzene	10.992	120	268681	12.231	ppbv	97
65) tert-Butylbenzene	11.532	119	932850	11.820	ppbv	98
66) Benzyl Chloride	11.616	91	68675	8.201	ppbv	99
67) sec-Butylbenzene	11.769	105	1310042	11.942	ppbv	100
69) p-Isopropyltoluene	11.927	119	1107045	11.720	ppbv	99
70) n-Butylbenzene	12.283	91	1144571	11.848	ppbv	99
71) 2-Chlorotoluene	10.904	91	756562	11.423	ppbv	98
72) 4-Ethyltoluene	11.128	105	847821	11.932	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	729887	11.762	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	819490	11.463	ppbv	92
75) 1,3-Dichlorobenzene	11.610	146	492549	12.562	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	488636	12.522	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	494739	12.959	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	373025	9.599	ppbv	99
79) Naphthalene	13.516	128	824947	10.550	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	276556	7.212	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	374714	10.389	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042312.D
 Acq On : 11 Apr 2025 09:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/16/2025
 Supervised By : Mahesh Dadoda 04/17/2025

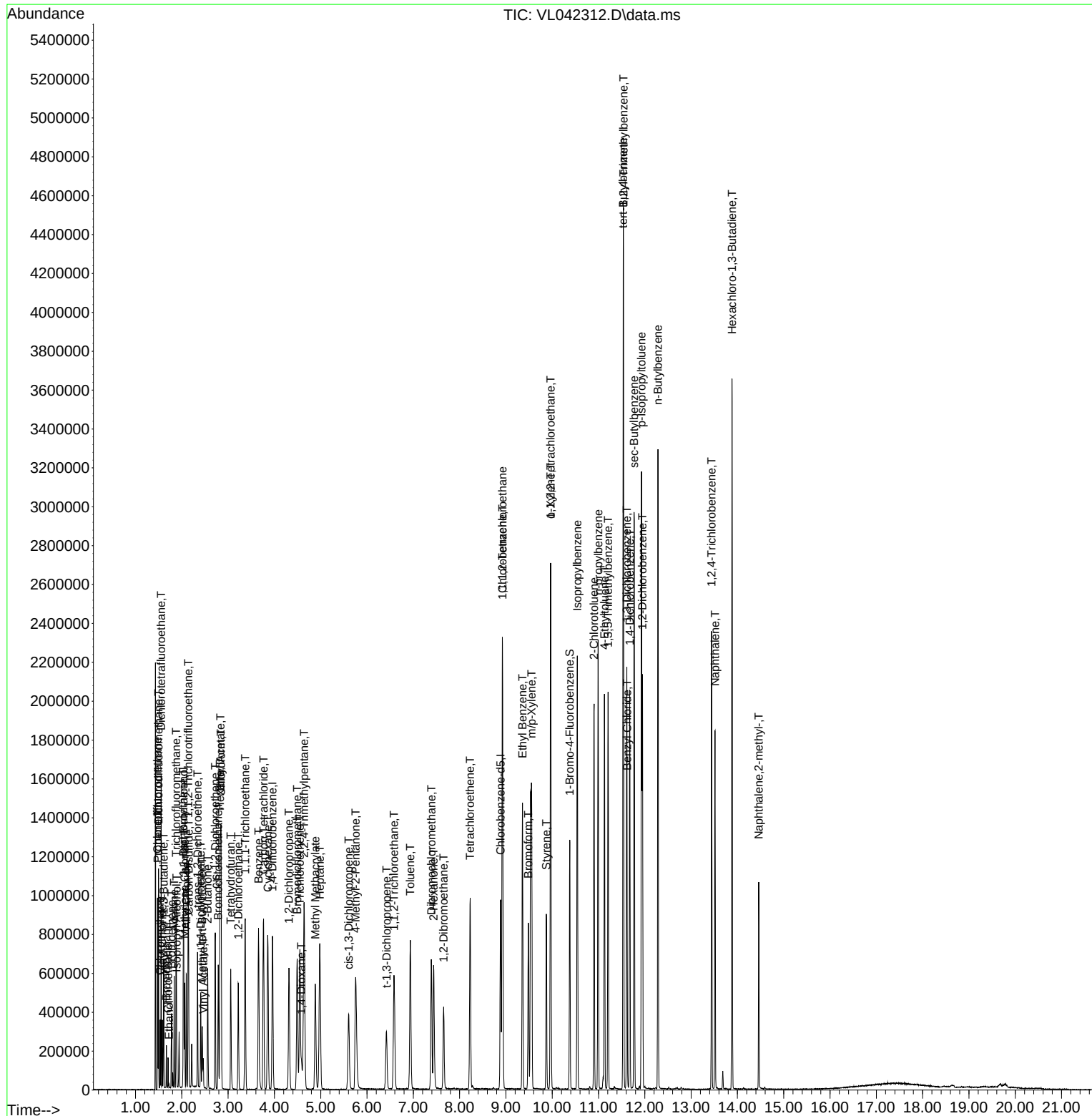
Quant Time: Apr 11 22:56:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042313.D
 Acq On : 11 Apr 2025 10:36
 Operator : SY/MD
 Sample : VL0411ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABL01

Quant Time: Apr 11 22:57:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	180225	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	445487	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	373548	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	277731	9.054	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.500%

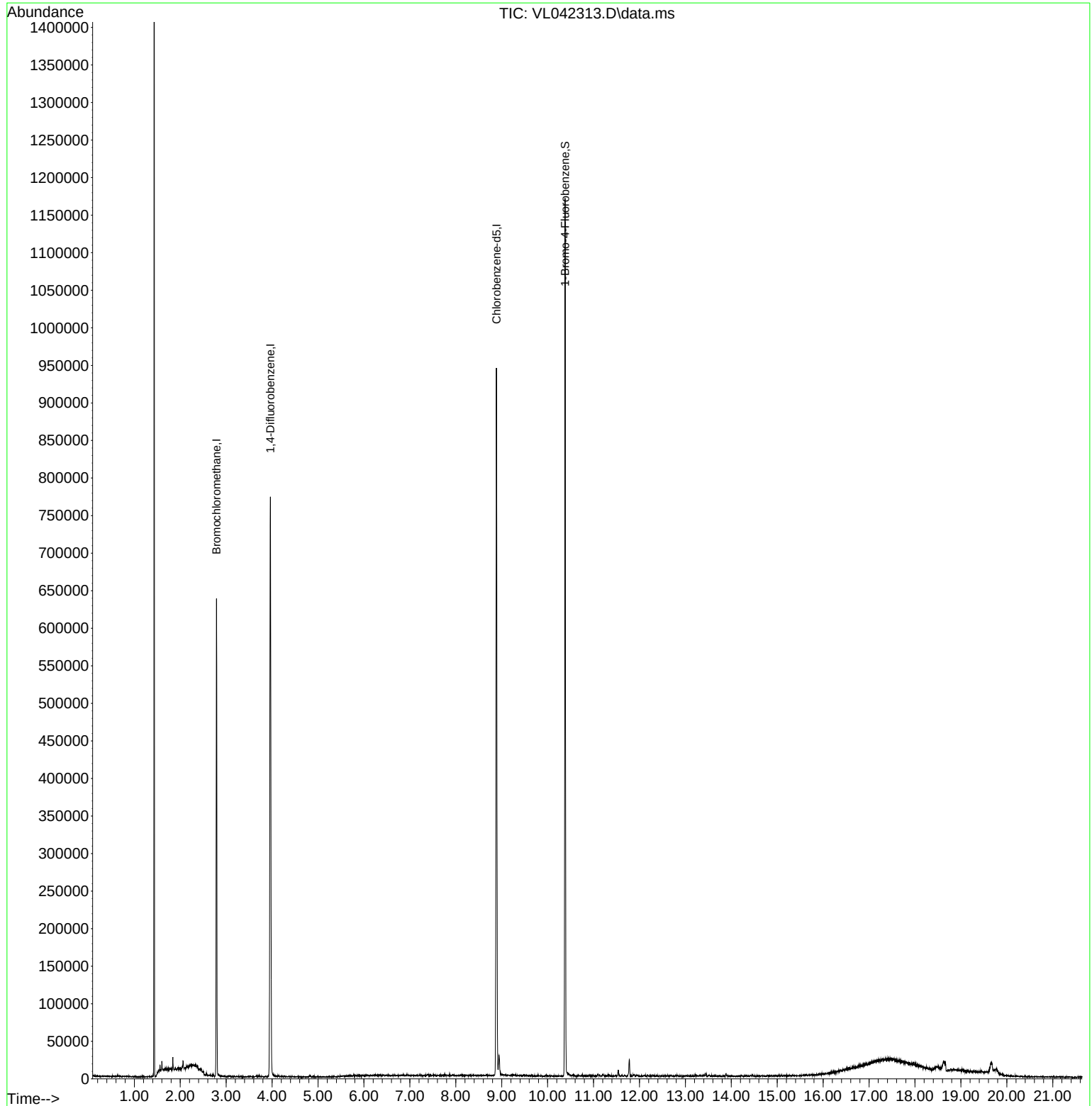
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042313.D
Acq On : 11 Apr 2025 10:36
Operator : SY/MD
Sample : VL0411ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABL01

Quant Time: Apr 11 22:57:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042314.D
 Acq On : 11 Apr 2025 11:23
 Operator : SY/MD
 Sample : VL0411ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/16/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 22:57:41 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	178456	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	444353	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	386060	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 314180 9.910 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	260154	9.873	ppbv	99
3) Chlorodifluoromethane	1.473	51	278310	10.339	ppbv	99
4) Chloromethane	1.531	50	109906	10.207	ppbv	97
5) Vinyl Chloride	1.577	62	99540	8.723	ppbv	96
6) Bromomethane	1.667	94	43354	8.884	ppbv	99
7) Chloroethane	1.703	64	40372	9.340	ppbv	100
8) Dichlorotetrafluoroethane	1.551	85	219210	9.769	ppbv	94
9) Propene	1.483	41	109077	8.841	ppbv	98
10) Heptane	4.975	43	325268	9.912	ppbv	98
11) Trichlorofluoromethane	1.874	101	247344	9.647	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	191456	9.085	ppbv	97
13) Ethanol	1.719	45	4928	4.225	ppbv	95
14) Bromoethene	1.780	108	70702	8.758	ppbv	99
15) Acetone	1.832	43	228988	9.175	ppbv	95
16) 1,3-Butadiene	1.606	39	110429	9.060	ppbv	97
17) tert-Butyl alcohol	2.039	59	243034	7.818	ppbv	100
18) 1,1-Dichloroethene	2.030	96	83233	8.449	ppbv	97
19) Isopropyl Alcohol	1.884	45	118345	8.404	ppbv #	34
20) Methylene Chloride	2.059	84	75264	8.097	ppbv	93
21) Allyl Chloride	2.094	41	157261	8.934	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	98769	8.674	ppbv	96
23) Vinyl Acetate	2.460	43	86563	8.014	ppbv	98
24) 1,1-Dichloroethane	2.405	63	206840	9.800	ppbv	99
25) Ethyl Acetate	2.836	43	656719	10.138	ppbv	99
26) Hexane	2.823	57	249860	9.986	ppbv	98
27) Carbon Disulfide	2.146	76	236998	8.833	ppbv	99
28) Methyl tert-Butyl Ether	2.438	73	122818	7.884	ppbv	97
29) Chloroform	2.845	83	384713	10.506	ppbv	100
30) Cyclohexane	3.852	84	196133	9.028	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	233371	9.187	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	370405	8.836	ppbv	98
34) 2-Butanone	2.554	43	362633	11.254	ppbv	98
35) Carbon Tetrachloride	3.758	117	389738	11.228	ppbv	99
36) Benzene	3.654	78	490339	11.131	ppbv	96
37) 1,2-Dichloroethane	3.214	62	290983	11.538	ppbv	100
38) Trichloroethene	4.545	130	195654	10.645	ppbv	99
39) 1,2-Dichloropropane	4.312	63	179954	11.217	ppbv	91
40) 1,4-Dioxane	4.580	88	80106	9.408	ppbv #	83
41) Tetrahydrofuran	3.052	42	202793	10.930	ppbv	94
42) Bromodichloromethane	4.486	83	405729	11.669	ppbv	97
43) Methyl Methacrylate	4.875	69	177423	9.514	ppbv	98
44) 2,2,4-Trimethylpentane	4.635	57	850971	11.431	ppbv	97
45) t-1,3-Dichloropropene	6.412	75	166246	8.309	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042314.D
 Acq On : 11 Apr 2025 11:23
 Operator : SY/MD
 Sample : VL0411ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 22:57:41 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	225952	9.213	ppbv	99
47) 1,1,2-Trichloroethane	6.580	97	198762	11.720	ppbv	97
48) Dibromochloromethane	7.383	129	321370	11.181	ppbv	100
49) Bromoform	9.480	173	291905	11.313	ppbv	99
50) 4-Methyl-2-Pentanone	5.749	43	514910	10.084	ppbv	95
51) 2-Hexanone	7.435	43	414681	9.889	ppbv #	94
52) Tetrachloroethene	8.221	164	165666	9.483	ppbv	96
53) Toluene	6.933	91	526341	10.079	ppbv	99
54) 1,2-Dibromoethane	7.649	107	264126	11.172	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.924	131	271061	12.755	ppbv	97
57) Chlorobenzene	8.921	112	457204	12.486	ppbv	96
58) Ethyl Benzene	9.354	91	761549	11.105	ppbv	98
59) m/p-Xylene	9.548	91	1323517m	24.171	ppbv	
60) o-Xylene	9.963	91	654791	11.929	ppbv	96
61) Styrene	9.869	104	284318	10.470	ppbv	98
62) Isopropylbenzene	10.539	105	975799	11.887	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.963	83	440972	13.222	ppbv	100
64) n-propylbenzene	10.989	120	264518	12.518	ppbv	96
65) tert-Butylbenzene	11.529	119	908946	11.973	ppbv	99
66) Benzyl Chloride	11.617	91	69548	8.634	ppbv	98
67) sec-Butylbenzene	11.765	105	1300090	12.320	ppbv	100
69) p-Isopropyltoluene	11.924	119	1095041	12.051	ppbv	98
70) n-Butylbenzene	12.280	91	1129853	12.159	ppbv	100
71) 2-Chlorotoluene	10.901	91	749737	11.768	ppbv	99
72) 4-Ethyltoluene	11.125	105	825037	12.071	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	711175	11.914	ppbv	99
74) 1,2,4-Trimethylbenzene	11.536	105	816505	11.873	ppbv	91
75) 1,3-Dichlorobenzene	11.607	146	484099	12.835	ppbv	98
76) 1,4-Dichlorobenzene	11.672	146	485460	12.933	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	485421	13.218	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	366850	9.814	ppbv	99
79) Naphthalene	13.513	128	820200	10.904	ppbv	100
80) Naphthalene,2-methyl-	14.455	142	274227	7.434	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	373404	10.762	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042316.D
 Acq On : 11 Apr 2025 12:40
 Operator : SY/MD
 Sample : QC041025CAN 10596
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041025CAN 10596

Quant Time: Apr 11 22:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	170330	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	400070	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	341964	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	254170	9.051	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.500%

Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042316.D
Acq On : 11 Apr 2025 12:40
Operator : SY/MD
Sample : QC041025CAN 10596
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041025CAN 10596

Quant Time: Apr 11 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

