

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
 Data File : VD080259.D
 Acq On : 07 Feb 2025 13:51
 Operator : RP/MD
 Sample : Q1168-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

Quant Time: Feb 08 01:23:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 08 01:23:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	193670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75763	51.989	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.980%			
35) Dibromofluoromethane	7.805	113	69331	50.511	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.020%			
50) Toluene-d8	10.269	98	255750	50.244	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.575	95	79696	48.796	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	8180	6.179	ug/l	88
3) Chloromethane	2.158	50	12364	5.298	ug/l	91
4) Vinyl Chloride	2.287	62	14442	5.115	ug/l #	85
5) Bromomethane	2.693	94	11387	5.231	ug/l	97
6) Chloroethane	2.834	64	10508	5.588	ug/l	97
7) Trichlorofluoromethane	3.175	101	13086	5.593	ug/l	96
8) Diethyl Ether	3.593	74	3346	5.228	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.969	101	8195	6.051	ug/l #	93
10) Methyl Iodide	4.164	142	6073	6.277	ug/l	98
11) Tert butyl alcohol	5.069	59	2480m	30.808	ug/l	
12) 1,1-Dichloroethene	3.940	96	6833	5.326	ug/l	78
13) Acrolein	3.811	56	3597	23.698	ug/l	88
14) Allyl chloride	4.564	41	10763m	5.444	ug/l	
15) Acrylonitrile	5.258	53	8131	26.441	ug/l	91
16) Acetone	4.034	43	6869	29.247	ug/l	90
17) Carbon Disulfide	4.275	76	21557	4.659	ug/l	95
18) Methyl Acetate	4.569	43	4968	6.269	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	13348	4.726	ug/l	99
20) Methylene Chloride	4.799	84	9524	5.976	ug/l	95
21) trans-1,2-Dichloroethene	5.322	96	7611m	5.222	ug/l	
22) Diisopropyl ether	6.216	45	17689	4.299	ug/l #	92
23) Vinyl Acetate	6.152	43	52864m	22.254	ug/l	
24) 1,1-Dichloroethane	6.110	63	15500	5.747	ug/l	95
25) 2-Butanone	7.099	43	9405	25.817	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	12644	5.405	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	8377	5.088	ug/l	99
28) Bromochloromethane	7.428	49	7051	5.729	ug/l #	93
29) Tetrahydrofuran	7.446	42	5263	22.058	ug/l #	89
30) Chloroform	7.599	83	14744	5.347	ug/l	91
31) Cyclohexane	7.875	56	12296	5.695	ug/l #	81
32) 1,1,1-Trichloroethane	7.799	97	12175	5.277	ug/l	94
36) 1,1-Dichloropropene	8.010	75	9425	4.794	ug/l	98
37) Ethyl Acetate	7.175	43	4701m	4.876	ug/l	
38) Carbon Tetrachloride	7.999	117	11271	5.489	ug/l #	76
39) Methylcyclohexane	9.275	83	10052	4.706	ug/l	98
40) Benzene	8.246	78	30080	4.881	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
 Data File : VD080259.D
 Acq On : 07 Feb 2025 13:51
 Operator : RP/MD
 Sample : Q1168-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

Quant Time: Feb 08 01:23:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 08 01:23:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	2154	4.059	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	9634	5.494	ug/l	98
43) Isopropyl Acetate	8.363	43	8504	4.970	ug/l #	81
44) Trichloroethene	9.028	130	7159	5.029	ug/l	81
45) 1,2-Dichloropropane	9.304	63	8011	5.168	ug/l	97
46) Dibromomethane	9.399	93	4158	4.815	ug/l	89
47) Bromodichloromethane	9.581	83	11615	5.334	ug/l	90
48) Methyl methacrylate	9.381	41	3849	4.861	ug/l #	84
49) 1,4-Dioxane	9.404	88	822m	87.500	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	18585	21.482	ug/l	95
52) Toluene	10.334	92	18380	5.099	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	9729	5.241	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	10136	4.489	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	5872	5.233	ug/l	97
56) Ethyl methacrylate	10.604	69	5755	4.495	ug/l	95
57) 1,3-Dichloropropane	10.881	76	9625	5.186	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.869	63	11128	20.364	ug/l	90
59) 2-Hexanone	10.922	43	12941	22.795	ug/l	99
60) Dibromochloromethane	11.075	129	7762	5.612	ug/l	98
61) 1,2-Dibromoethane	11.181	107	5435	5.319	ug/l	99
64) Tetrachloroethene	10.810	164	6613	5.212	ug/l	96
65) Chlorobenzene	11.610	112	21682	5.208	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	7224	4.960	ug/l	95
67) Ethyl Benzene	11.681	91	30808	4.449	ug/l	97
68) m/p-Xylenes	11.793	106	22559	8.391	ug/l	98
69) o-Xylene	12.122	106	10411	4.246	ug/l	99
70) Styrene	12.134	104	17915	4.105	ug/l	99
71) Bromoform	12.298	173	4460	5.195	ug/l #	88
73) Isopropylbenzene	12.422	105	26049	4.197	ug/l	95
74) N-amyl acetate	12.234	43	7009	4.296	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	7225	5.594	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	6240m	6.723	ug/l	
77) Bromobenzene	12.698	156	8273	5.167	ug/l	93
78) n-propylbenzene	12.763	91	36891	4.668	ug/l	98
79) 2-Chlorotoluene	12.851	91	21861	4.869	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	23316	4.492	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	2512	5.534	ug/l	94
82) 4-Chlorotoluene	12.945	91	22508	4.718	ug/l	95
83) tert-Butylbenzene	13.163	119	19777	4.660	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	21684	4.104	ug/l	97
85) sec-Butylbenzene	13.345	105	28962	4.463	ug/l	99
86) p-Isopropyltoluene	13.463	119	24527	4.427	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	15537	4.927	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	16985	5.321	ug/l	95
89) n-Butylbenzene	13.787	91	25174	4.676	ug/l	98
90) Hexachloroethane	14.057	117	6880	5.587	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	14900	5.362	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1305	6.350	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	8659	4.889	ug/l	95
94) Hexachlorobutadiene	15.204	225	5554	5.790	ug/l	87
95) Naphthalene	15.334	128	14170	4.461	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.516	180	7535	4.714	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
Data File : VD080259.D
Acq On : 07 Feb 2025 13:51
Operator : RP/MD
Sample : Q1168-02
Misc : 5.00G/5ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

Quant Time: Feb 08 01:23:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 08 01:23:21 2025
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Feb 08 01:23:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 08 01:23:21 2025
Response via : Initial Calibration

