

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021106.D
 Acq On : 06 Feb 2025 12:08
 Operator : SY/MD
 Sample : Q1168-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 07 02:29:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	207032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	329856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	272237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	123568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	103179	48.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.280%		
35) Dibromofluoromethane	7.646	113	100865	47.714	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.420%		
50) Toluene-d8	10.115	98	382194	47.490	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.980%		
62) 4-Bromofluorobenzene	12.414	95	120819	45.953	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	4661	2.526	ug/l	96
3) Chloromethane	2.080	50	5790	3.180	ug/l	97
4) Vinyl Chloride	2.214	62	5460	2.979	ug/l #	86
5) Bromomethane	2.611	94	4625	4.083	ug/l	96
6) Chloroethane	2.751	64	3253	2.982	ug/l	93
7) Trichlorofluoromethane	3.080	101	9017	2.701	ug/l	95
8) Diethyl Ether	3.470	74	2739	2.628	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	5785	2.761	ug/l	98
10) Methyl Iodide	4.025	142	6332	2.720	ug/l	95
11) Tert butyl alcohol	4.854	59	2708m	18.839	ug/l	
12) 1,1-Dichloroethene	3.812	96	5425	2.748	ug/l	91
13) Acrolein	3.665	56	2686	12.135	ug/l	96
14) Allyl chloride	4.397	41	8760	2.633	ug/l	95
15) Acrylonitrile	5.080	53	5028	11.584	ug/l #	91
16) Acetone	3.885	43	4821	14.574	ug/l	93
17) Carbon Disulfide	4.123	76	17031	2.751	ug/l	96
18) Methyl Acetate	4.397	43	2812	2.422	ug/l	93
19) Methyl tert-butyl Ether	5.129	73	12053	2.416	ug/l #	87
20) Methylene Chloride	4.635	84	6258	3.043	ug/l	92
21) trans-1,2-Dichloroethene	5.135	96	6111	2.812	ug/l	94
22) Diisopropyl ether	6.037	45	16620	2.424	ug/l	93
23) Vinyl Acetate	5.976	43	41134	10.760	ug/l	96
24) 1,1-Dichloroethane	5.933	63	10272	2.557	ug/l	99
25) 2-Butanone	6.921	43	6232	11.465	ug/l	97
26) 2,2-Dichloropropane	6.897	77	10407	2.799	ug/l	93
27) cis-1,2-Dichloroethene	6.909	96	6466	2.585	ug/l	92
28) Bromochloromethane	7.262	49	4449	2.800	ug/l #	97
29) Tetrahydrofuran	7.281	42	4108	11.168	ug/l	94
30) Chloroform	7.433	83	10914	2.645	ug/l	94
31) Cyclohexane	7.720	56	12576	3.476	ug/l #	67
32) 1,1,1-Trichloroethane	7.634	97	10313	2.688	ug/l	98
36) 1,1-Dichloropropene	7.854	75	7628	2.436	ug/l	97
37) Ethyl Acetate	7.006	43	2989m	2.176	ug/l	
38) Carbon Tetrachloride	7.829	117	9450	2.583	ug/l	89
39) Methylcyclohexane	9.116	83	9760	2.548	ug/l	91
40) Benzene	8.098	78	23511	2.559	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021106.D
 Acq On : 06 Feb 2025 12:08
 Operator : SY/MD
 Sample : Q1168-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 07 02:29:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	1510	1.900	ug/l #	92
42) 1,2-Dichloroethane	8.171	62	6167	2.419	ug/l	96
43) Isopropyl Acetate	8.207	43	5955	2.182	ug/l #	76
44) Trichloroethene	8.878	130	6119	2.578	ug/l	98
45) 1,2-Dichloropropane	9.146	63	5388	2.470	ug/l	97
46) Dibromomethane	9.250	93	2939	2.434	ug/l	97
47) Bromodichloromethane	9.433	83	7756	2.395	ug/l	97
48) Methyl methacrylate	9.232	41	2617	2.105	ug/l	88
49) 1,4-Dioxane	9.244	88	471	41.899	ug/l #	60
51) 4-Methyl-2-Pentanone	10.012	43	14083	10.261	ug/l	98
52) Toluene	10.183	92	14584	2.528	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	6526	2.244	ug/l	98
54) cis-1,3-Dichloropropene	9.866	75	7869	2.285	ug/l #	91
55) 1,1,2-Trichloroethane	10.585	97	3726	2.383	ug/l	94
56) Ethyl methacrylate	10.451	69	3976	1.901	ug/l #	81
57) 1,3-Dichloropropane	10.731	76	6548	2.419	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.725	63	9241	9.286	ug/l	98
59) 2-Hexanone	10.774	43	8252	9.338	ug/l	97
60) Dibromochloromethane	10.920	129	5039	2.295	ug/l	99
61) 1,2-Dibromoethane	11.024	107	3585	2.448	ug/l	99
64) Tetrachloroethene	10.658	164	5601	2.771	ug/l	89
65) Chlorobenzene	11.451	112	15619	2.577	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	5395	2.504	ug/l	96
67) Ethyl Benzene	11.530	91	26200	2.444	ug/l	95
68) m/p-Xylenes	11.640	106	19592	4.885	ug/l	98
69) o-Xylene	11.963	106	8528	2.280	ug/l	91
70) Styrene	11.981	104	14142	2.269	ug/l	98
71) Bromoform	12.146	173	2872	2.395	ug/l #	91
73) Isopropylbenzene	12.268	105	22913	2.374	ug/l	95
74) N-amyl acetate	12.085	43	4188	1.985	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	4181	2.604	ug/l	90
76) 1,2,3-Trichloropropane	12.566	75	2637m	2.353	ug/l	
77) Bromobenzene	12.542	156	6005	2.696	ug/l	90
78) n-propylbenzene	12.609	91	28983	2.521	ug/l	97
79) 2-Chlorotoluene	12.688	91	17425	2.646	ug/l	97
80) 1,3,5-Trimethylbenzene	12.749	105	19306	2.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	1133m	2.062	ug/l	
82) 4-Chlorotoluene	12.792	91	17036	2.539	ug/l	99
83) tert-Butylbenzene	13.011	119	17814	2.504	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	18262	2.387	ug/l	98
85) sec-Butylbenzene	13.188	105	24433	2.386	ug/l	99
86) p-Isopropyltoluene	13.304	119	20050	2.357	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	11403	2.651	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	11643	2.749	ug/l	89
89) n-Butylbenzene	13.627	91	18104	2.333	ug/l	99
90) Hexachloroethane	13.889	117	4546	2.562	ug/l	89
91) 1,2-Dichlorobenzene	13.670	146	9591	2.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	610	2.543	ug/l	88
93) 1,2,4-Trichlorobenzene	14.932	180	4993	2.403	ug/l	96
94) Hexachlorobutadiene	15.041	225	3757	2.728	ug/l	95
95) Naphthalene	15.157	128	9219	2.773	ug/l	98
96) 1,2,3-Trichlorobenzene	15.346	180	4122	2.384	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021106.D
Acq On : 06 Feb 2025 12:08
Operator : SY/MD
Sample : Q1168-01 2.5PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:29:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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 07 02:29:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

