

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009441.D
 Acq On : 05 Jul 2022 16:41
 Operator : KP/MD
 Sample : N3568-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07012022RE

Quant Time: Jul 06 04:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	299	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.391	152	373	50.000	ug/l	#-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	150	62.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.260%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.172	98	86	26.823	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 53.640%#	
62) 4-Bromofluorobenzene	12.507	95	1052	691.839	ug/l	0.03
Spiked Amount	50.000	Range	50 - 146	Recovery	= 1383.680%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	22	8.214	ug/l	# 44
6) Chloroethane	2.802	64	92	55.689	ug/l	# 43
12) 1,1-Dichloroethene	3.936	96	19	7.069	ug/l	# 1
14) Allyl chloride	4.515	41	41	8.325	ug/l	# 22
18) Methyl Acetate	4.326	43	19	5.233	ug/l	# 56
23) Vinyl Acetate	6.106	43	19	2.918	ug/l	# 75
25) 2-Butanone	7.039	43	42	33.683	ug/l	# 54
26) 2,2-Dichloropropane	6.978	77	23	4.159	ug/l	# 55
27) cis-1,2-Dichloroethene	6.990	96	42	11.235	ug/l	# 1
29) Tetrahydrofuran	7.301	42	19	23.767	ug/l	# 38
30) Chloroform	7.496	83	57	9.491	ug/l	# 18
31) Cyclohexane	7.770	56	25	4.641	ug/l	# 32
32) 1,1,1-Trichloroethane	7.721	97	83	15.432	ug/l	# 23
37) Ethyl Acetate	7.039	43	42	38.734	ug/l	# 72
38) Carbon Tetrachloride	7.904	117	21	10.988	ug/l	# 11
39) Methylcyclohexane	9.179	83	239	110.444	ug/l	# 16
41) Methacrylonitrile	7.295	41	68	111.006	ug/l	# 1
43) Isopropyl Acetate	8.295	43	271	136.127	ug/l	# 56
44) Trichloroethene	8.929	130	23	15.481	ug/l	# 3
45) 1,2-Dichloropropane	9.203	63	59	43.561	ug/l	# 46
46) Dibromomethane	9.282	93	247	318.329	ug/l	# 35
47) Bromodichloromethane	9.489	83	172	93.604	ug/l	# 18
48) Methyl methacrylate	9.270	41	262	305.284	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.063	43	439	427.693	ug/l	# 47
52) Toluene	10.221	92	225	66.695	ug/l	# 83
53) t-1,3-Dichloropropene	10.367	75	22	11.969	ug/l	# 63
54) cis-1,3-Dichloropropene	9.941	75	23	10.480	ug/l	# 1
55) 1,1,2-Trichloroethane	10.623	97	616	596.707	ug/l	# 39
56) Ethyl methacrylate	10.520	69	330	250.437	ug/l	# 31
57) 1,3-Dichloropropane	10.794	76	71	38.824	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.782	63	46	63.051	ug/l	# 1
59) 2-Hexanone	10.831	43	236	332.840	ug/l	# 28
60) Dibromochloromethane	11.062	129	232	177.582	ug/l	# 57
61) 1,2-Dibromoethane	10.940	107	114	109.994	ug/l	# 99
64) Tetrachloroethene	10.721	164	365	105.961	ug/l	# 1
65) Chlorobenzene	11.526	112	61	7.705	ug/l	# 42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009441.D
 Acq On : 05 Jul 2022 16:41
 Operator : KP/MD
 Sample : N3568-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07012022RE

Quant Time: Jul 06 04:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

66) 1,1,1,2-Tetrachloroethane	11.471	131	195	67.149	ug/l	75
67) Ethyl Benzene	11.617	91	383	27.887	ug/l #	44
68) m/p-Xylenes	11.721	106	296	53.899	ug/l #	1
69) o-Xylene	11.812	106	430	82.970	ug/l	78
70) Styrene	12.056	104	115	13.393	ug/l #	1
71) Bromoform	12.215	173	257	140.845	ug/l #	91
73) Isopropylbenzene	12.221	105	1069	38.801	ug/l	99
74) N-amyl acetate	12.178	43	124	17.158	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.593	83	699	130.977	ug/l #	26
76) 1,2,3-Trichloropropane	12.556	75	56	12.820	ug/l #	100
77) Bromobenzene	12.367	156	142908	21759.576	ug/l #	1
78) n-propylbenzene	12.702	91	542	16.173	ug/l	98
79) 2-Chlorotoluene	12.751	91	106	5.603	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.721	105	291	12.631	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.385	75	518	264.029	ug/l #	37
82) 4-Chlorotoluene	12.843	91	524	26.655	ug/l #	41
83) tert-Butylbenzene	13.068	119	604	31.203	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.196	105	168	7.673	ug/l	91
85) sec-Butylbenzene	13.306	105	342	11.730	ug/l	93
86) p-Isopropyltoluene	13.361	119	157	6.404	ug/l #	50
87) 1,3-Dichlorobenzene	13.367	146	74	5.703	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	115	8.613	ug/l #	4
89) n-Butylbenzene	13.702	91	318	13.805	ug/l #	29
90) Hexachloroethane	13.976	117	285	58.632	ug/l #	6
91) 1,2-Dichlorobenzene	13.763	146	248	21.074	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.367	75	46	51.430	ug/l #	1
95) Naphthalene	15.232	128	147	10.510	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009441.D
 Acq On : 05 Jul 2022 16:41
 Operator : KP/MD
 Sample : N3568-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07012022RE

Quant Time: Jul 06 04:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

