

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074560.D
 Acq On : 18 Oct 2022 12:35
 Operator : VA/SY
 Sample : VD1018SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 19 01:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	153057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	125083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38745	50.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.810	113	46447	50.401	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.800%			
50) Toluene-d8	10.269	98	167950	48.005	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.000%			
62) 4-Bromofluorobenzene	12.569	95	48626	44.589	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	14184	16.397	ug/l	92
3) Chloromethane	2.146	50	21490	19.961	ug/l	96
4) Vinyl Chloride	2.281	62	23363	20.978	ug/l	99
5) Bromomethane	2.681	94	16927	21.424	ug/l	96
6) Chloroethane	2.834	64	15688	21.113	ug/l	96
7) Trichlorofluoromethane	3.169	101	31574	18.526	ug/l	88
8) Diethyl Ether	3.593	74	9631	18.825	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	21063	18.387	ug/l	99
10) Methyl Iodide	4.158	142	23410	18.828	ug/l	99
11) Tert butyl alcohol	5.028	59	13941	98.131	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	21430	18.366	ug/l	92
13) Acrolein	3.799	56	3614	91.830	ug/l	100
14) Allyl chloride	4.563	41	23120	18.202	ug/l	98
15) Acrylonitrile	5.257	53	19876	97.596	ug/l	97
16) Acetone	4.022	43	14992	90.247	ug/l	91
17) Carbon Disulfide	4.269	76	60281	17.474	ug/l	98
18) Methyl Acetate	4.558	43	10076	19.061	ug/l	98
19) Methyl tert-butyl Ether	5.310	73	40719	18.339	ug/l	98
20) Methylene Chloride	4.799	84	32789	19.739	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	23611	18.787	ug/l	96
22) Diisopropyl ether	6.216	45	47655	18.764	ug/l	97
23) Vinyl Acetate	6.157	43	98120	88.992	ug/l	97
24) 1,1-Dichloroethane	6.116	63	36467	18.549	ug/l	96
25) 2-Butanone	7.081	43	21620	94.279	ug/l	94
26) 2,2-Dichloropropane	7.075	77	33129	19.144	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	27034	20.196	ug/l	98
28) Bromochloromethane	7.422	49	10299	19.841	ug/l #	94
29) Tetrahydrofuran	7.451	42	12138	95.981	ug/l	98
30) Chloroform	7.599	83	38937	20.442	ug/l	97
31) Cyclohexane	7.875	56	31571	19.267	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	34664	20.097	ug/l	98
36) 1,1-Dichloropropene	8.010	75	30604	20.834	ug/l	98
37) Ethyl Acetate	7.175	43	9184	19.049	ug/l #	91
38) Carbon Tetrachloride	7.987	117	27643	20.353	ug/l	95
39) Methylcyclohexane	9.275	83	35653	19.392	ug/l	94
40) Benzene	8.251	78	89648	20.505	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074560.D
 Acq On : 18 Oct 2022 12:35
 Operator : VA/SY
 Sample : VD1018SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 19 01:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	5358	19.369	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	20632	19.972	ug/l	99
43) Isopropyl Acetate	8.363	43	17587	19.854	ug/l	99
44) Trichloroethene	9.022	130	25400	20.308	ug/l	97
45) 1,2-Dichloropropane	9.304	63	18578	18.652	ug/l	92
46) Dibromomethane	9.393	93	10500	18.762	ug/l	95
47) Bromodichloromethane	9.581	83	25743	18.608	ug/l	98
48) Methyl methacrylate	9.381	41	7231	16.868	ug/l	99
49) 1,4-Dioxane	9.381	88	2167	372.715	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	40885	93.296	ug/l	98
52) Toluene	10.334	92	53238	19.268	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	22832	18.929	ug/l #	88
54) cis-1,3-Dichloropropene	10.016	75	27610	18.124	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	14711	19.609	ug/l	98
56) Ethyl methacrylate	10.598	69	15761	18.225	ug/l	94
57) 1,3-Dichloropropane	10.881	76	23379	18.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15181	101.280	ug/l	99
59) 2-Hexanone	10.922	43	27389	93.365	ug/l	97
60) Dibromochloromethane	11.069	129	17592	19.495	ug/l	98
61) 1,2-Dibromoethane	11.181	107	13741	19.685	ug/l	99
64) Tetrachloroethene	10.810	164	19874	21.219	ug/l	94
65) Chlorobenzene	11.604	112	56975	21.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	19182	21.055	ug/l	97
67) Ethyl Benzene	11.681	91	100850	21.191	ug/l	100
68) m/p-Xylenes	11.792	106	78905	41.579	ug/l	99
69) o-Xylene	12.122	106	36515	20.680	ug/l	97
70) Styrene	12.134	104	63987	21.445	ug/l	100
71) Bromoform	12.298	173	9826	21.173	ug/l #	97
73) Isopropylbenzene	12.422	105	97219	21.041	ug/l	99
74) N-amyl acetate	12.234	43	15037	20.780	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	15893	21.745	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	12119m	24.690	ug/l	
77) Bromobenzene	12.698	156	22466	21.492	ug/l	98
78) n-propylbenzene	12.763	91	120429	21.544	ug/l	99
79) 2-Chlorotoluene	12.845	91	64266	21.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	81139	21.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3919	20.253	ug/l	93
82) 4-Chlorotoluene	12.945	91	67073	22.273	ug/l	99
83) tert-Butylbenzene	13.169	119	69532	21.146	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	80266	21.577	ug/l	98
85) sec-Butylbenzene	13.345	105	107695	21.494	ug/l	97
86) p-Isopropyltoluene	13.457	119	90582	21.773	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	45257	21.132	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	44734	21.048	ug/l	99
89) n-Butylbenzene	13.786	91	84148	21.653	ug/l	99
90) Hexachloroethane	14.051	117	15537	21.153	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	39572	21.661	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2377	23.790	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	25936	21.530	ug/l	99
94) Hexachlorobutadiene	15.204	225	14103	22.517	ug/l	95
95) Naphthalene	15.328	128	46951	20.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21764	21.165	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074560.D
 Acq On : 18 Oct 2022 12:35
 Operator : VA/SY
 Sample : VD1018SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD1018SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 19 01:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

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

