

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072008.D
 Acq On : 17 Feb 2022 12:29
 Operator : VA/SY
 Sample : VD0217SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 06:36:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	292795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	489749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	257953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202520	54.724	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.440%			
35) Dibromofluoromethane	7.914	113	186061	55.645	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.280%			
50) Toluene-d8	10.338	98	649108	51.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.626	95	244014	55.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	73367	21.130	ug/l	100
3) Chloromethane	2.214	50	88864	21.377	ug/l	93
4) Vinyl Chloride	2.350	62	106466	24.463	ug/l	95
5) Bromomethane	2.756	94	77695	27.057	ug/l	97
6) Chloroethane	2.914	64	73000	26.468	ug/l	99
7) Trichlorofluoromethane	3.273	101	120089	19.254	ug/l	94
8) Diethyl Ether	3.708	74	33444	20.322	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	73903	21.003	ug/l	96
10) Methyl Iodide	4.297	142	59536	16.504	ug/l	97
11) Tert butyl alcohol	5.232	59	21297	66.017	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	62670	19.482	ug/l	89
13) Acrolein	3.920	56	38834	118.143	ug/l	98
14) Allyl chloride	4.714	41	117192	19.113	ug/l	95
15) Acrylonitrile	5.420	53	91401	109.278	ug/l	99
16) Acetone	4.156	43	83224	82.152	ug/l	99
17) Carbon Disulfide	4.408	76	156683	13.969	ug/l	95
18) Methyl Acetate	4.726	43	52056	23.767	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	161375	20.970	ug/l	100
20) Methylene Chloride	4.955	84	77971	18.749	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	69753	18.627	ug/l	98
22) Diisopropyl ether	6.361	45	270172	22.481	ug/l	98
23) Vinyl Acetate	6.302	43	690169	104.104	ug/l	98
24) 1,1-Dichloroethane	6.267	63	151941	21.692	ug/l	98
25) 2-Butanone	7.208	43	120613	102.128	ug/l	100
26) 2,2-Dichloropropane	7.214	77	122735	21.174	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	85252	21.196	ug/l	99
28) Bromochloromethane	7.544	49	49491	18.732	ug/l	97
29) Tetrahydrofuran	7.561	42	75835	108.525	ug/l	99
30) Chloroform	7.708	83	156811	21.913	ug/l	96
31) Cyclohexane	7.985	56	125327	17.739	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	134269	21.272	ug/l	96
36) 1,1-Dichloropropene	8.114	75	110236	19.208	ug/l	99
37) Ethyl Acetate	7.297	43	54108	20.279	ug/l	98
38) Carbon Tetrachloride	8.091	117	111760	19.692	ug/l	97
39) Methylcyclohexane	9.355	83	114933	17.284	ug/l	94
40) Benzene	8.349	78	308063	19.886	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072008.D
 Acq On : 17 Feb 2022 12:29
 Operator : VA/SY
 Sample : VD0217SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 06:36:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	34984	23.176	ug/l	98
42) 1,2-Dichloroethane	8.420	62	104415	21.345	ug/l	99
43) Isopropyl Acetate	8.449	43	102954	21.468	ug/l	99
44) Trichloroethene	9.114	130	74550	18.638	ug/l	92
45) 1,2-Dichloropropane	9.379	63	89309	22.358	ug/l	100
46) Dibromomethane	9.467	93	45388	21.701	ug/l	93
47) Bromodichloromethane	9.655	83	115942	20.960	ug/l	97
48) Methyl methacrylate	9.455	41	46937	18.494	ug/l #	85
49) 1,4-Dioxane	9.461	88	10147	425.046	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	274236	109.276	ug/l	100
52) Toluene	10.396	92	190965	19.824	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	100676	19.817	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	118401	19.882	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	61233	22.059	ug/l	91
56) Ethyl methacrylate	10.661	69	68099	19.815	ug/l	96
57) 1,3-Dichloropropane	10.938	76	106802	21.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	163572	101.102	ug/l	98
59) 2-Hexanone	10.979	43	183009	100.473	ug/l	95
60) Dibromochloromethane	11.137	129	74265	21.666	ug/l	98
61) 1,2-Dibromoethane	11.237	107	57076	21.341	ug/l	99
64) Tetrachloroethene	10.873	164	59236	17.099	ug/l	94
65) Chlorobenzene	11.661	112	206694	19.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	78701	20.880	ug/l	98
67) Ethyl Benzene	11.737	91	372634	19.546	ug/l	99
68) m/p-Xylenes	11.843	106	286922	39.567	ug/l	100
69) o-Xylene	12.173	106	132348	20.083	ug/l	99
70) Styrene	12.184	104	229166	20.175	ug/l	99
71) Bromoform	12.349	173	41449	20.596	ug/l #	99
73) Isopropylbenzene	12.473	105	363018	18.174	ug/l	100
74) N-amyl acetate	12.279	43	98701	20.093	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	72670	19.660	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	59127m	21.750	ug/l	
77) Bromobenzene	12.749	156	78416	17.648	ug/l	95
78) n-propylbenzene	12.814	91	472581	18.868	ug/l	99
79) 2-Chlorotoluene	12.896	91	259613	18.291	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	317406	19.158	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	18686	16.901	ug/l	96
82) 4-Chlorotoluene	12.996	91	278023	18.828	ug/l	97
83) tert-Butylbenzene	13.214	119	253033	18.428	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	312212	19.157	ug/l	99
85) sec-Butylbenzene	13.390	105	406983	18.943	ug/l	100
86) p-Isopropyltoluene	13.502	119	328324	18.806	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	169227	18.756	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	165465	18.376	ug/l	98
89) n-Butylbenzene	13.831	91	332013	19.384	ug/l	97
90) Hexachloroethane	14.096	117	68125	19.631	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	147738	19.134	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11864	19.380	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	78936	17.500	ug/l	98
94) Hexachlorobutadiene	15.249	225	43404	17.648	ug/l	97
95) Naphthalene	15.384	128	146349	17.311	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	70604	18.262	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
Data File : VD072008.D
Acq On : 17 Feb 2022 12:29
Operator : VA/SY
Sample : VD0217SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0217SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 06:36:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

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

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

