

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072429.D
 Acq On : 25 Mar 2022 15:16
 Operator : VA/SY
 Sample : N1977-02MS
 Misc : 5.93G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0MS

Quant Time: Mar 26 00:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	77930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	193758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	167657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	62454	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	107939	124.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 248.560%#			
35) Dibromofluoromethane	7.909	113	93173	68.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 136.660%			
50) Toluene-d8	10.332	98	244157	48.972	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.620	95	88022	45.438	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	15892	22.048	ug/l	100
3) Chloromethane	2.209	50	32642	50.963	ug/l	94
4) Vinyl Chloride	2.344	62	22433	36.284	ug/l	95
5) Bromomethane	2.768	94	6920	17.188	ug/l	96
6) Chloroethane	2.915	64	27527	67.340	ug/l	92
7) Trichlorofluoromethane	3.268	101	51546	36.918	ug/l	99
8) Diethyl Ether	3.709	74	77404	200.726	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	33219	37.313	ug/l	98
10) Methyl Iodide	4.309	142	7680	11.427	ug/l	# 94
11) Tert butyl alcohol	5.226	59	61827	1227.802	ug/l	# 95
12) 1,1-Dichloroethene	4.068	96	29169	40.726	ug/l	91
13) Acrolein	3.850	56	63	1.402	ug/l	# 14
14) Allyl chloride	4.715	41	29616	23.650	ug/l	88
15) Acrylonitrile	5.415	53	183645	943.826	ug/l	98
16) Acetone	4.150	43	226917	1203.384	ug/l	98
17) Carbon Disulfide	4.403	76	107352	63.837	ug/l	99
18) Methyl Acetate	4.715	43	278024	601.653	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	421370	216.451	ug/l	95
20) Methylene Chloride	4.956	84	107103	124.302	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	25679	32.415	ug/l	87
22) Diisopropyl ether	6.362	45	503188	176.167	ug/l	92
23) Vinyl Acetate	6.362	43	275700	189.131	ug/l	# 77
24) 1,1-Dichloroethane	6.262	63	176160	104.575	ug/l	96
25) 2-Butanone	7.209	43	299805	1192.459	ug/l	97
26) 2,2-Dichloropropane	7.209	77	67435	44.368	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	64731	64.002	ug/l	93
28) Bromochloromethane	7.544	49	61240	90.304	ug/l	91
29) Tetrahydrofuran	7.561	42	195236	1320.619	ug/l	96
30) Chloroform	7.709	83	205499	114.511	ug/l	97
31) Cyclohexane	7.979	56	52071	38.376	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	107753	67.605	ug/l	99
36) 1,1-Dichloropropene	8.103	75	47104	24.626	ug/l	# 72
37) Ethyl Acetate	7.285	43	79365	94.720	ug/l	# 97
38) Carbon Tetrachloride	8.097	117	61217	28.155	ug/l	97
39) Methylcyclohexane	9.350	83	57388	26.662	ug/l	99
40) Benzene	8.344	78	5407407	990.915	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072429.D
 Acq On : 25 Mar 2022 15:16
 Operator : VA/SY
 Sample : N1977-02MS
 Misc : 5.93G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.OMS

Quant Time: Mar 26 00:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	74769	153.099	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	143091	86.440	ug/l	97
43) Isopropyl Acetate	8.450	43	182915	112.473	ug/l	99
44) Trichloroethene	9.108	130	50872	33.207	ug/l	99
45) 1,2-Dichloropropane	9.379	63	132912	88.810	ug/l	93
46) Dibromomethane	9.473	93	49156	66.771	ug/l	96
47) Bromodichloromethane	9.656	83	164137	76.480	ug/l #	97
48) Methyl methacrylate	9.450	41	129833	167.194	ug/l	92
49) 1,4-Dioxane	9.456	88	28453	3223.011	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	697908	817.061	ug/l	96
52) Toluene	10.397	92	794806	221.343	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	39703	20.248	ug/l	90
54) cis-1,3-Dichloropropene	10.085	75	36890	16.275	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	124622	111.125	ug/l	96
56) Ethyl methacrylate	10.655	69	142254	108.297	ug/l	97
57) 1,3-Dichloropropane	10.938	76	181296	96.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	283043	479.236	ug/l	100
59) 2-Hexanone	10.979	43	436548	739.976	ug/l	99
60) Dibromochloromethane	11.132	129	112388	77.231	ug/l	100
61) 1,2-Dibromoethane	11.238	107	69571	68.653	ug/l	94
64) Tetrachloroethene	10.873	164	65106	55.115	ug/l	99
65) Chlorobenzene	11.661	112	742226	199.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	101653	69.160	ug/l	97
67) Ethyl Benzene	11.738	91	6260546	943.065	ug/l	98
68) m/p-Xylenes	11.844	106	584419	231.842	ug/l	100
69) o-Xylene	12.173	106	586877	243.401	ug/l	98
70) Styrene	12.185	104	276983	65.786	ug/l #	74
71) Bromoform	12.349	173	59944	76.348	ug/l #	99
73) Isopropylbenzene	12.473	105	2490592	503.234	ug/l	99
74) N-amyl acetate	12.261	43	44840	42.160	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.720	83	127337	143.860	ug/l	92
76) 1,2,3-Trichloropropane	12.773	75	119162	172.969	ug/l #	100
77) Bromobenzene	12.749	156	69672	62.546	ug/l	95
78) n-propylbenzene	12.808	91	1603388	266.719	ug/l	98
79) 2-Chlorotoluene	12.902	91	268115	77.130	ug/l	92
80) 1,3,5-Trimethylbenzene	12.949	105	1520515	357.615	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	21564	77.661	ug/l #	31
82) 4-Chlorotoluene	12.997	91	169356	47.053	ug/l	89
83) tert-Butylbenzene	13.214	119	169147	45.376	ug/l	89
84) 1,2,4-Trimethylbenzene	13.261	105	6924566	1652.875	ug/l	96
85) sec-Butylbenzene	13.391	105	376552	67.266	ug/l	83
86) p-Isopropyltoluene	13.508	119	926853	201.210	ug/l	95
87) 1,3-Dichlorobenzene	13.508	146	162511m	69.611	ug/l	
88) 1,4-Dichlorobenzene	13.585	146	212094	91.617	ug/l	95
89) n-Butylbenzene	13.826	91	529146m	120.516	ug/l	
90) Hexachloroethane	14.102	117	894472	990.749	ug/l #	19
91) 1,2-Dichlorobenzene	13.879	146	130725	64.224	ug/l #	62
92) 1,2-Dibromo-3-Chloropr...	14.508	75	39620m	280.471	ug/l	
93) 1,2,4-Trichlorobenzene	15.149	180	40589	30.120	ug/l #	1
94) Hexachlorobutadiene	15.255	225	13351	17.032	ug/l	95
95) Naphthalene	15.373	128	28187447m	12134.338	ug/l	
96) 1,2,3-Trichlorobenzene	15.579	180	29148	24.989	ug/l #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072429.D
 Acq On : 25 Mar 2022 15:16
 Operator : VA/SY
 Sample : N1977-02MS
 Misc : 5.93G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 SB-12-20220315-16.0-17.0MS

Quant Time: Mar 26 00:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2022
 Supervised By :Semsettin Yesilyurt 03/29/2022

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

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

