

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072442.D
 Acq On : 25 Mar 2022 21:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 00:17:44 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	387426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	664843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	616741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	301302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244409	56.607	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.220%			
35) Dibromofluoromethane	7.908	113	234370	50.095	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.180%			
50) Toluene-d8	10.332	98	845594	49.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.620	95	329296	49.540	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	158639	44.270	ug/l	98
3) Chloromethane	2.209	50	194423	61.057	ug/l	98
4) Vinyl Chloride	2.350	62	179714	58.468	ug/l	99
5) Bromomethane	2.762	94	119960	59.935	ug/l	96
6) Chloroethane	2.920	64	124244	61.138	ug/l	100
7) Trichlorofluoromethane	3.273	101	353053	50.862	ug/l	95
8) Diethyl Ether	3.709	74	118004	61.554	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	230742	52.133	ug/l	95
10) Methyl Iodide	4.297	142	196438	49.560	ug/l	99
11) Tert butyl alcohol	5.214	59	80569	321.836	ug/l	97
12) 1,1-Dichloroethene	4.067	96	194936	54.746	ug/l	95
13) Acrolein	3.926	56	23023	103.064	ug/l	96
14) Allyl chloride	4.715	41	375617	60.334	ug/l	94
15) Acrylonitrile	5.420	53	313914	324.518	ug/l	98
16) Acetone	4.156	43	224907	239.914	ug/l	97
17) Carbon Disulfide	4.409	76	420382	50.602	ug/l	97
18) Methyl Acetate	4.715	43	141093	61.416	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	613765	63.418	ug/l	99
20) Methylene Chloride	4.962	84	254320	55.520	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	229367	58.239	ug/l	96
22) Diisopropyl ether	6.361	45	888555	62.574	ug/l	94
23) Vinyl Acetate	6.303	43	2438138	336.434	ug/l	96
24) 1,1-Dichloroethane	6.261	63	486334	58.073	ug/l	97
25) 2-Butanone	7.208	43	390256	312.227	ug/l	96
26) 2,2-Dichloropropane	7.203	77	394774	52.245	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	293427	58.358	ug/l	95
28) Bromochloromethane	7.544	49	202412	60.038	ug/l	88
29) Tetrahydrofuran	7.561	42	250259	340.505	ug/l	94
30) Chloroform	7.708	83	514962	57.720	ug/l	100
31) Cyclohexane	7.979	56	367230	54.439	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	430163	54.287	ug/l	98
36) 1,1-Dichloropropene	8.108	75	346264	52.757	ug/l	98
37) Ethyl Acetate	7.291	43	175834	61.159	ug/l #	97
38) Carbon Tetrachloride	8.097	117	363327	48.699	ug/l	99
39) Methylcyclohexane	9.350	83	395418	53.538	ug/l	99
40) Benzene	8.350	78	1037190	55.392	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072442.D
 Acq On : 25 Mar 2022 21:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 00:17:44 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	104419	62.312	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	313338	55.164	ug/l	97
43) Isopropyl Acetate	8.444	43	350060	62.731	ug/l	98
44) Trichloroethene	9.108	130	271643	51.676	ug/l	95
45) 1,2-Dichloropropane	9.385	63	282502	55.012	ug/l	96
46) Dibromomethane	9.473	93	147347	58.331	ug/l	95
47) Bromodichloromethane	9.655	83	396387	53.827	ug/l	99
48) Methyl methacrylate	9.450	41	182482	68.485	ug/l	96
49) 1,4-Dioxane	9.455	88	36680	1210.887	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	933265	318.421	ug/l	96
52) Toluene	10.397	92	656902	53.315	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	369936	54.983	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	432055	55.550	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	211864	55.057	ug/l	97
56) Ethyl methacrylate	10.655	69	287498	63.786	ug/l	90
57) 1,3-Dichloropropane	10.938	76	366343	56.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	587008	289.655	ug/l	96
59) 2-Hexanone	10.979	43	642224	317.258	ug/l	97
60) Dibromochloromethane	11.132	129	268876	53.847	ug/l	97
61) 1,2-Dibromoethane	11.238	107	193867	55.754	ug/l	97
64) Tetrachloroethene	10.873	164	218745	50.339	ug/l	97
65) Chlorobenzene	11.661	112	731295	53.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	278275	51.467	ug/l	98
67) Ethyl Benzene	11.738	91	1350751	55.313	ug/l	99
68) m/p-Xylenes	11.844	106	995924	107.402	ug/l	99
69) o-Xylene	12.173	106	489706	55.212	ug/l	96
70) Styrene	12.185	104	847540	54.721	ug/l	97
71) Bromoform	12.349	173	151378	52.413	ug/l #	97
73) Isopropylbenzene	12.473	105	1339687	56.109	ug/l	99
74) N-amyl acetate	12.279	43	339618	66.188	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	285652	66.893	ug/l	89
76) 1,2,3-Trichloropropane	12.773	75	189944m	57.150	ug/l	
77) Bromobenzene	12.749	156	292175	54.368	ug/l	95
78) n-propylbenzene	12.808	91	1579992	54.479	ug/l	99
79) 2-Chlorotoluene	12.896	91	916852	54.672	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	1109504	54.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	104323	77.878	ug/l #	59
82) 4-Chlorotoluene	12.996	91	933063	53.735	ug/l	97
83) tert-Butylbenzene	13.214	119	971559	54.025	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1096723	54.263	ug/l	100
85) sec-Butylbenzene	13.390	105	1440502	53.339	ug/l	99
86) p-Isopropyltoluene	13.502	119	1183628	53.261	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	578995	51.407	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	567727	50.833	ug/l	99
89) n-Butylbenzene	13.832	91	1123289	53.030	ug/l	99
90) Hexachloroethane	14.096	117	216550	49.718	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	508592	51.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	40422	59.313	ug/l	85
93) 1,2,4-Trichlorobenzene	15.149	180	332003	51.068	ug/l	100
94) Hexachlorobutadiene	15.249	225	181873	48.092	ug/l	99
95) Naphthalene	15.385	128	1155040	103.066	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	287080	51.014	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072442.D
 Acq On : 25 Mar 2022 21:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDCCC050EC

Manual Integrations
APPROVED

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

Quant Time: Mar 26 00:17:44 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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072442\
Data File : VD072442.D
Acq On : 25 Mar 2022 21:24
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SoIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 26 00:17:44 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

