

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072258.D
 Acq On : 17 Mar 2022 21:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 8.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 18 04:33:30 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	354576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	589536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223709	56.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.908	113	220252	53.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.180%
50) Toluene-d8	10.338	98	787463	51.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.626	95	299342	50.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	151643	46.238	ug/l	100
3) Chloromethane	2.209	50	169422	58.135	ug/l	98
4) Vinyl Chloride	2.344	62	155402	55.243	ug/l	99
5) Bromomethane	2.762	94	106527	58.154	ug/l	98
6) Chloroethane	2.920	64	106805	57.425	ug/l	96
7) Trichlorofluoromethane	3.267	101	321980	50.683	ug/l	100
8) Diethyl Ether	3.709	74	106766	60.851	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	202981	50.110	ug/l	96
10) Methyl Iodide	4.303	142	145754	40.601	ug/l	98
11) Tert butyl alcohol	5.220	59	67600	295.048	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	171315	52.570	ug/l	91
13) Acrolein	3.915	56	32358	158.273	ug/l	98
14) Allyl chloride	4.714	41	319934	56.151	ug/l	93
15) Acrylonitrile	5.414	53	273411	308.833	ug/l	99
16) Acetone	4.156	43	199076	232.034	ug/l	91
17) Carbon Disulfide	4.403	76	400042	52.555	ug/l	100
18) Methyl Acetate	4.714	43	122173	58.108	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	534497	60.344	ug/l	97
20) Methylene Chloride	4.962	84	251875	60.686	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	207024	57.436	ug/l	97
22) Diisopropyl ether	6.361	45	784355	60.353	ug/l	94
23) Vinyl Acetate	6.303	43	2140536	322.733	ug/l	97
24) 1,1-Dichloroethane	6.261	63	429069	55.982	ug/l	100
25) 2-Butanone	7.208	43	333361	291.417	ug/l	93
26) 2,2-Dichloropropane	7.208	77	330428	47.781	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	260094	56.521	ug/l	94
28) Bromochloromethane	7.544	49	193048	62.565	ug/l	87
29) Tetrahydrofuran	7.561	42	226260	336.373	ug/l	95
30) Chloroform	7.708	83	458174	56.113	ug/l	99
31) Cyclohexane	7.979	56	319000	51.671	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	372819	51.409	ug/l	98
36) 1,1-Dichloropropene	8.108	75	305612	52.511	ug/l	98
37) Ethyl Acetate	7.285	43	155254	60.899	ug/l	95
38) Carbon Tetrachloride	8.091	117	322472	48.744	ug/l	97
39) Methylcyclohexane	9.355	83	338603	51.702	ug/l	97
40) Benzene	8.350	78	901670	54.306	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072258.D
 Acq On : 17 Mar 2022 21:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 8.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 18 04:33:30 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	7.520	41	81208m	54.651	ug/l	
42) 1,2-Dichloroethane	8.420	62	286355	56.853	ug/l	98
43) Isopropyl Acetate	8.444	43	293576	59.329	ug/l	95
44) Trichloroethene	9.108	130	239189	51.315	ug/l	98
45) 1,2-Dichloropropane	9.379	63	254940	55.987	ug/l	96
46) Dibromomethane	9.473	93	132360	59.091	ug/l	95
47) Bromodichloromethane	9.655	83	353542	54.142	ug/l #	99
48) Methyl methacrylate	9.450	41	138136	58.465	ug/l #	82
49) 1,4-Dioxane	9.455	88	32994	1228.338	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	811326	312.177	ug/l	95
52) Toluene	10.397	92	591018	54.095	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	330355	55.373	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	380482	55.168	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	194062	56.873	ug/l	97
56) Ethyl methacrylate	10.655	69	243778	60.995	ug/l	91
57) 1,3-Dichloropropane	10.938	76	329001	57.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	517821	288.155	ug/l	97
59) 2-Hexanone	10.979	43	546619	304.523	ug/l	95
60) Dibromochloromethane	11.132	129	243185	54.924	ug/l	99
61) 1,2-Dibromoethane	11.238	107	176785	57.336	ug/l	99
64) Tetrachloroethene	10.867	164	196993	49.909	ug/l	98
65) Chlorobenzene	11.667	112	650812	52.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	252562	51.426	ug/l	99
67) Ethyl Benzene	11.738	91	1145585	51.645	ug/l	100
68) m/p-Xylenes	11.849	106	885782	105.165	ug/l	99
69) o-Xylene	12.173	106	420905	52.244	ug/l	98
70) Styrene	12.185	104	751661	53.429	ug/l	98
71) Bromoform	12.349	173	141349	53.879	ug/l #	98
73) Isopropylbenzene	12.473	105	1148089	50.924	ug/l	99
74) N-amyl acetate	12.279	43	289656	59.785	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	224752	55.740	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	146388m	46.646	ug/l	
77) Bromobenzene	12.749	156	267854	52.786	ug/l	94
78) n-propylbenzene	12.808	91	1391900	50.828	ug/l	99
79) 2-Chlorotoluene	12.896	91	812933	51.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	966776	49.915	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	66907	52.896	ug/l	92
82) 4-Chlorotoluene	12.996	91	842321	51.374	ug/l	100
83) tert-Butylbenzene	13.214	119	832943	49.052	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	966948	50.668	ug/l	100
85) sec-Butylbenzene	13.390	105	1229751	48.225	ug/l	98
86) p-Isopropyltoluene	13.502	119	1038450	49.488	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	532114	50.035	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	527114	49.984	ug/l	99
89) n-Butylbenzene	13.832	91	967613	48.378	ug/l	98
90) Hexachloroethane	14.102	117	201510	48.997	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	479884	51.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	35997	55.940	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	296417	48.287	ug/l	99
94) Hexachlorobutadiene	15.255	225	163606	45.817	ug/l	97
95) Naphthalene	15.384	128	583143	55.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	268707	50.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
Data File : VD072258.D
Acq On : 17 Mar 2022 21:46
Operator : VA/SY
Sample : VSTDCCC050
Misc : 8.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

Quant Time: Mar 18 04:33:30 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\VD031722\
Data File : VD072258.D
Acq On : 17 Mar 2022 21:46
Operator : VA/SY
Sample : VSTDCCC050
Misc : 8.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

Quant Time: Mar 18 04:33:30 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

