

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071160.D
 Acq On : 04 Dec 2021 22:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 04:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	231871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	389575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	187008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125505	46.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.260%
35) Dibromofluoromethane	7.920	113	119416	46.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.332	98	425767	43.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.640%
62) 4-Bromofluorobenzene	12.626	95	154710	45.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	77440	39.164	ug/l	97
3) Chloromethane	2.215	50	128228	49.018	ug/l	100
4) Vinyl Chloride	2.356	62	145973	50.017	ug/l	96
5) Bromomethane	2.779	94	111736	53.110	ug/l	99
6) Chloroethane	2.932	64	108519	54.062	ug/l #	86
7) Trichlorofluoromethane	3.285	101	184524	46.673	ug/l	99
8) Diethyl Ether	3.709	74	56630	52.836	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	110241	47.262	ug/l	95
10) Methyl Iodide	4.309	142	120465	44.935	ug/l	94
11) Tert butyl alcohol	5.209	59	37730	204.467	ug/l	95
12) 1,1-Dichloroethene	4.073	96	99372	46.165	ug/l	86
13) Acrolein	3.926	56	28999	155.970	ug/l	100
14) Allyl chloride	4.720	41	207287	50.698	ug/l #	82
15) Acrylonitrile	5.420	53	142262	272.922	ug/l	95
16) Acetone	4.156	43	147763	210.130	ug/l #	86
17) Carbon Disulfide	4.415	76	291623	46.273	ug/l	98
18) Methyl Acetate	4.714	43	106667	53.137	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	278647	52.821	ug/l	97
20) Methylene Chloride	4.967	84	149042	54.677	ug/l	88
21) trans-1,2-Dichloroethene	5.485	96	124639	51.439	ug/l	96
22) Diisopropyl ether	6.367	45	454852	55.526	ug/l	95
23) Vinyl Acetate	6.309	43	1054439	239.333	ug/l	96
24) 1,1-Dichloroethane	6.267	63	252117	53.509	ug/l	99
25) 2-Butanone	7.214	43	189952	230.184	ug/l #	86
26) 2,2-Dichloropropane	7.214	77	194685	45.440	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	149270	54.453	ug/l	95
28) Bromochloromethane	7.544	49	109816	53.661	ug/l	87
29) Tetrahydrofuran	7.561	42	116482	269.618	ug/l	93
30) Chloroform	7.714	83	260960	55.187	ug/l	98
31) Cyclohexane	7.985	56	198138	42.813	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	218047	51.360	ug/l #	94
36) 1,1-Dichloropropene	8.114	75	178881	47.192	ug/l	99
37) Ethyl Acetate	7.297	43	83966	51.281	ug/l #	93
38) Carbon Tetrachloride	8.097	117	185101	49.539	ug/l	99
39) Methylcyclohexane	9.355	83	198219	43.477	ug/l	98
40) Benzene	8.350	78	529510	51.428	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071160.D
 Acq On : 04 Dec 2021 22:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 04:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	52070	62.420	ug/l	#	77
42) 1,2-Dichloroethane	8.426	62	164490	52.338	ug/l		97
43) Isopropyl Acetate	8.450	43	167820	46.937	ug/l		91
44) Trichloroethene	9.114	130	135676	49.423	ug/l		99
45) 1,2-Dichloropropane	9.385	63	141510	52.262	ug/l		97
46) Dibromomethane	9.473	93	73622	52.408	ug/l		95
47) Bromodichloromethane	9.661	83	199150	53.605	ug/l		96
48) Methyl methacrylate	9.455	41	75869	47.337	ug/l	#	80
49) 1,4-Dioxane	9.455	88	13803	1017.874	ug/l		97
51) 4-Methyl-2-Pentanone	10.220	43	430024	235.002	ug/l		91
52) Toluene	10.397	92	337330	51.637	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	173578	50.817	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	210430	51.864	ug/l	#	80
55) 1,1,2-Trichloroethane	10.797	97	100446	54.505	ug/l		96
56) Ethyl methacrylate	10.655	69	122477	46.623	ug/l	#	75
57) 1,3-Dichloropropane	10.944	76	175197	54.116	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	309236	246.590	ug/l		100
59) 2-Hexanone	10.979	43	291956	215.408	ug/l		90
60) Dibromochloromethane	11.132	129	124971	54.562	ug/l		99
61) 1,2-Dibromoethane	11.238	107	94181	53.212	ug/l		99
64) Tetrachloroethene	10.873	164	116544	47.123	ug/l		98
65) Chlorobenzene	11.661	112	357161	49.412	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	134778	51.067	ug/l		97
67) Ethyl Benzene	11.738	91	650028	47.770	ug/l		100
68) m/p-Xylenes	11.844	106	499828	97.295	ug/l		96
69) o-Xylene	12.173	106	240167	49.741	ug/l		98
70) Styrene	12.191	104	410632	50.461	ug/l		98
71) Bromoform	12.355	173	67883	49.648	ug/l	#	97
73) Isopropylbenzene	12.473	105	623369	46.036	ug/l		100
74) N-amyl acetate	12.279	43	156573	43.119	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	111190	49.863	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	75493m	42.371	ug/l		
77) Bromobenzene	12.749	156	140634	47.950	ug/l		99
78) n-propylbenzene	12.814	91	777879	46.129	ug/l		100
79) 2-Chlorotoluene	12.896	91	444499	46.965	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	529933	47.459	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	28940	39.377	ug/l	#	73
82) 4-Chlorotoluene	12.996	91	459604	46.776	ug/l		99
83) tert-Butylbenzene	13.214	119	445098	46.415	ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	525068	48.165	ug/l		97
85) sec-Butylbenzene	13.390	105	668765	45.661	ug/l		99
86) p-Isopropyltoluene	13.508	119	552228	46.099	ug/l		97
87) 1,3-Dichlorobenzene	13.508	146	282642	48.410	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	277016	47.890	ug/l		98
89) n-Butylbenzene	13.832	91	532205	45.511	ug/l		98
90) Hexachloroethane	14.102	117	109545	48.239	ug/l		91
91) 1,2-Dichlorobenzene	13.879	146	244578	49.260	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	17271	47.560	ug/l		97
93) 1,2,4-Trichlorobenzene	15.143	180	147968	47.777	ug/l		99
94) Hexachlorobutadiene	15.255	225	78913	45.033	ug/l		98
95) Naphthalene	15.385	128	267246	48.950	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	127572	48.498	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071160.D
 Acq On : 04 Dec 2021 22:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 04:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

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

12/06/2021
 Supervised By :Mahesh
 Dadoda

12/06/2021

