

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071018.D
 Acq On : 12 Nov 2021 07:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 01:04:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	253437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	491743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	449026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	198511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161148	59.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.440%			
35) Dibromofluoromethane	7.914	113	151488	54.594	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.180%			
50) Toluene-d8	10.331	98	549037	50.524	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.620	95	197850	50.566	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	102848	47.498	ug/l	97
3) Chloromethane	2.208	50	161026	62.496	ug/l	99
4) Vinyl Chloride	2.349	62	162630	65.630	ug/l	99
5) Bromomethane	2.761	94	117495	69.565	ug/l	99
6) Chloroethane	2.920	64	113844	71.532	ug/l	99
7) Trichlorofluoromethane	3.273	101	216248	54.225	ug/l	98
8) Diethyl Ether	3.708	74	82345	62.390	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	128566	52.299	ug/l	95
10) Methyl Iodide	4.296	142	166994	55.991	ug/l	99
11) Tert butyl alcohol	5.226	59	54755	277.656	ug/l #	93
12) 1,1-Dichloroethene	4.061	96	133435	55.445	ug/l	90
13) Acrolein	3.920	56	3670	56.746	ug/l #	75
14) Allyl chloride	4.714	41	288830	57.619	ug/l #	84
15) Acrylonitrile	5.414	53	201324	318.777	ug/l	97
16) Acetone	4.155	43	157184	218.419	ug/l #	87
17) Carbon Disulfide	4.408	76	407723	52.469	ug/l	96
18) Methyl Acetate	4.714	43	175665	75.882	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	402108	64.724	ug/l	97
20) Methylene Chloride	4.961	84	195450	63.824	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	162239	58.816	ug/l	89
22) Diisopropyl ether	6.355	45	628884	63.106	ug/l	94
23) Vinyl Acetate	6.302	43	1400717	262.218	ug/l	97
24) 1,1-Dichloroethane	6.261	63	334583	62.859	ug/l	99
25) 2-Butanone	7.208	43	257050	271.091	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	225922	50.292	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	197070	62.499	ug/l	96
28) Bromochloromethane	7.543	49	139948	61.990	ug/l	91
29) Tetrahydrofuran	7.555	42	172465	314.568	ug/l	92
30) Chloroform	7.708	83	329694	65.149	ug/l	100
31) Cyclohexane	7.984	56	253265	45.640	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	265972	61.194	ug/l	94
36) 1,1-Dichloropropene	8.108	75	229491	52.270	ug/l	98
37) Ethyl Acetate	7.290	43	117934	58.875	ug/l #	91
38) Carbon Tetrachloride	8.090	117	212250	52.495	ug/l	97
39) Methylcyclohexane	9.349	83	250479	44.173	ug/l	98
40) Benzene	8.349	78	702647	56.827	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	72770	50.628	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	214138	61.144	ug/l	96
43) Isopropyl Acetate	8.449	43	240281	56.680	ug/l #	89
44) Trichloroethene	9.108	130	178116	55.887	ug/l	98
45) 1,2-Dichloropropane	9.384	63	189359	56.628	ug/l	98
46) Dibromomethane	9.473	93	98302	61.762	ug/l	95
47) Bromodichloromethane	9.655	83	251424	59.722	ug/l	100
48) Methyl methacrylate	9.449	41	114255	54.940	ug/l #	81
49) 1,4-Dioxane	9.455	88	21145	1146.609	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	615229	299.343	ug/l	91
52) Toluene	10.396	92	435799	55.913	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	230592	54.316	ug/l	99
54) cis-1,3-Dichloropropene	10.084	75	269661	53.866	ug/l #	84
55) 1,1,2-Trichloroethane	10.790	97	130905	59.841	ug/l	97
56) Ethyl methacrylate	10.655	69	181310	58.579	ug/l #	78
57) 1,3-Dichloropropane	10.937	76	235177	59.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	437294	271.767	ug/l	100
59) 2-Hexanone	10.978	43	415544	258.007	ug/l	90
60) Dibromochloromethane	11.131	129	159608	60.819	ug/l	99
61) 1,2-Dibromoethane	11.237	107	125107	58.794	ug/l	99
64) Tetrachloroethene	10.873	164	149565	57.122	ug/l	98
65) Chlorobenzene	11.661	112	453609	56.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	167217	58.805	ug/l	100
67) Ethyl Benzene	11.737	91	835725	55.082	ug/l	99
68) m/p-Xylenes	11.843	106	622130	109.712	ug/l	95
69) o-Xylene	12.172	106	308024	57.108	ug/l	98
70) Styrene	12.184	104	520465	56.990	ug/l	97
71) Bromoform	12.349	173	88686	59.806	ug/l #	99
73) Isopropylbenzene	12.467	105	778102	54.409	ug/l	100
74) N-amyl acetate	12.278	43	218045	53.368	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	150609	61.185	ug/l	98
76) 1,2,3-Trichloropropane	12.772	75	104234m	61.470	ug/l	
77) Bromobenzene	12.749	156	178125	58.295	ug/l	96
78) n-propylbenzene	12.808	91	950869	53.660	ug/l	100
79) 2-Chlorotoluene	12.896	91	556360	55.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	650485	55.244	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	38349	43.997	ug/l #	82
82) 4-Chlorotoluene	12.996	91	567451	54.418	ug/l	99
83) tert-Butylbenzene	13.214	119	556115	54.827	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	645552	55.981	ug/l	98
85) sec-Butylbenzene	13.390	105	795851	52.190	ug/l	99
86) p-Isopropyltoluene	13.502	119	663293	54.170	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	341403	57.144	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	329524	55.088	ug/l	95
89) n-Butylbenzene	13.825	91	609007	49.490	ug/l	100
90) Hexachloroethane	14.096	117	131550	54.291	ug/l	94
91) 1,2-Dichlorobenzene	13.872	146	300414	58.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22756	56.367	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	180226	54.414	ug/l	98
94) Hexachlorobutadiene	15.249	225	87499	52.382	ug/l	98
95) Naphthalene	15.378	128	376062	59.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	159106	57.132	ug/l	98

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

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