

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071080.D
 Acq On : 30 Nov 2021 10:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 01 03:30:30 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	315630	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	530641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	479196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	222116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183536	49.557	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.120%		
35) Dibromofluoromethane	7.908	113	171813	50.846	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.700%		
50) Toluene-d8	10.332	98	644270	50.102	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.200%		
62) 4-Bromofluorobenzene	12.626	95	229324	51.448	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	127412	47.337	ug/l	93
3) Chloromethane	2.209	50	187049	52.529	ug/l	100
4) Vinyl Chloride	2.356	62	207221	52.161	ug/l	100
5) Bromomethane	2.779	94	145892	50.943	ug/l	98
6) Chloroethane	2.926	64	145416	53.219	ug/l	93
7) Trichlorofluoromethane	3.279	101	285428	53.036	ug/l	91
8) Diethyl Ether	3.709	74	81489	55.853	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	168677	53.125	ug/l	97
10) Methyl Iodide	4.303	142	172809	47.108	ug/l	96
11) Tert butyl alcohol	5.209	59	68429	296.888	ug/l #	93
12) 1,1-Dichloroethene	4.073	96	155441	53.050	ug/l	81
13) Acrolein	3.920	56	68808	271.873	ug/l	94
14) Allyl chloride	4.714	41	296615	53.295	ug/l #	79
15) Acrylonitrile	5.414	53	197429	278.246	ug/l	96
16) Acetone	4.150	43	270748	272.192	ug/l	90
17) Carbon Disulfide	4.414	76	444377	51.799	ug/l	100
18) Methyl Acetate	4.714	43	144964	53.051	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	399905	55.690	ug/l	97
20) Methylene Chloride	4.961	84	183881	49.129	ug/l #	83
21) trans-1,2-Dichloroethene	5.473	96	180716	54.790	ug/l	86
22) Diisopropyl ether	6.356	45	642907	57.655	ug/l	91
23) Vinyl Acetate	6.303	43	1549899	256.263	ug/l	96
24) 1,1-Dichloroethane	6.267	63	357745	55.778	ug/l	99
25) 2-Butanone	7.203	43	294098	257.916	ug/l	89
26) 2,2-Dichloropropane	7.203	77	320220	54.906	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	211181	56.594	ug/l	93
28) Bromochloromethane	7.544	49	148817	53.421	ug/l	90
29) Tetrahydrofuran	7.561	42	161457	274.546	ug/l	92
30) Chloroform	7.702	83	358935	55.763	ug/l	99
31) Cyclohexane	7.979	56	316903	50.304	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	321081	55.560	ug/l	95
36) 1,1-Dichloropropene	8.108	75	271081	54.659	ug/l	97
37) Ethyl Acetate	7.285	43	115449	53.889	ug/l #	90
38) Carbon Tetrachloride	8.097	117	275462	56.345	ug/l	98
39) Methylcyclohexane	9.349	83	319644	53.585	ug/l	97
40) Benzene	8.350	78	746962	55.448	ug/l	98

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41) Methacrylonitrile	7.520	41	73304	65.866	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	227119	55.232	ug/l	96
43) Isopropyl Acetate	8.450	43	240511	50.914	ug/l	91
44) Trichloroethene	9.108	130	198640	55.303	ug/l	95
45) 1,2-Dichloropropane	9.385	63	195160	55.087	ug/l	98
46) Dibromomethane	9.467	93	99990	54.400	ug/l	96
47) Bromodichloromethane	9.655	83	272890	56.140	ug/l #	98
48) Methyl methacrylate	9.449	41	115696	55.172	ug/l #	81
49) 1,4-Dioxane	9.455	88	19752	1113.241	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	605334	250.506	ug/l	91
52) Toluene	10.402	92	474493	55.512	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	257287	57.569	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	299617	56.439	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	136842	56.752	ug/l	96
56) Ethyl methacrylate	10.655	69	175325	50.447	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	241293	56.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	432297	263.466	ug/l	99
59) 2-Hexanone	10.979	43	458130	251.449	ug/l	89
60) Dibromochloromethane	11.132	129	173577	57.921	ug/l	100
61) 1,2-Dibromoethane	11.238	107	129295	55.832	ug/l	100
64) Tetrachloroethene	10.873	164	161333	53.032	ug/l	97
65) Chlorobenzene	11.667	112	496620	55.856	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	180111	55.481	ug/l	100
67) Ethyl Benzene	11.738	91	932529	55.714	ug/l	100
68) m/p-Xylenes	11.849	106	698758	110.579	ug/l	95
69) o-Xylene	12.173	106	335595	56.506	ug/l	96
70) Styrene	12.191	104	566601	56.605	ug/l	98
71) Bromoform	12.349	173	97856	58.185	ug/l #	99
73) Isopropylbenzene	12.473	105	894559	55.621	ug/l	100
74) N-amyl acetate	12.279	43	222172	50.404	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	147040	55.517	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	107067m	50.593	ug/l	
77) Bromobenzene	12.755	156	195137	56.016	ug/l	98
78) n-propylbenzene	12.814	91	1115187	55.679	ug/l	100
79) 2-Chlorotoluene	12.902	91	613869	54.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	745046	56.178	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	44930	49.697	ug/l #	80
82) 4-Chlorotoluene	12.996	91	638624	54.722	ug/l	100
83) tert-Butylbenzene	13.214	119	636591	55.892	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	725126	56.002	ug/l	99
85) sec-Butylbenzene	13.390	105	965671	55.511	ug/l	100
86) p-Isopropyltoluene	13.508	119	808227	56.805	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	392215	56.560	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	377575	54.957	ug/l	99
89) n-Butylbenzene	13.832	91	788681	56.783	ug/l	98
90) Hexachloroethane	14.102	117	152527	56.550	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	333265	56.512	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	23670	54.878	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	217499	59.127	ug/l	97
94) Hexachlorobutadiene	15.255	225	114872	55.192	ug/l	99
95) Naphthalene	15.384	128	375844	57.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	181964	58.241	ug/l	99

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

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