

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070157.D
 Acq On : 19 Aug 2021 10:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:48:07 PM

Quant Time: Aug 20 05:45:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	522451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	903563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	854832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	394999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	305000	49.635	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.280%		
35) Dibromofluoromethane	7.908	113	306485	52.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.000%		
50) Toluene-d8	10.332	98	1221215	53.786	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.580%		
62) 4-Bromofluorobenzene	12.626	95	401574	53.697	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	230614	45.431	ug/l	99
3) Chloromethane	2.209	50	326738	44.632	ug/l	99
4) Vinyl Chloride	2.344	62	364374	41.210	ug/l	100
5) Bromomethane	2.762	94	233875	48.044	ug/l	91
6) Chloroethane	2.914	64	236653	41.896	ug/l	97
7) Trichlorofluoromethane	3.267	101	461933	43.497	ug/l	95
8) Diethyl Ether	3.709	74	138088	45.436	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	308642	45.683	ug/l	99
10) Methyl Iodide	4.297	142	288959	46.777	ug/l	99
11) Tert butyl alcohol	5.226	59	74584	219.596	ug/l	99
12) 1,1-Dichloroethene	4.061	96	285755	46.038	ug/l	93
13) Acrolein	3.920	56	75738	193.592	ug/l	99
14) Allyl chloride	4.708	41	422171	45.584	ug/l	97
15) Acrylonitrile	5.414	53	326696	231.823	ug/l	99
16) Acetone	4.156	43	298088	263.333	ug/l	98
17) Carbon Disulfide	4.403	76	971719	43.301	ug/l	100
18) Methyl Acetate	4.714	43	150949	44.726	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	608145	47.209	ug/l	99
20) Methylene Chloride	4.956	84	367370	47.155	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	329411	45.689	ug/l	99
22) Diisopropyl ether	6.361	45	939748	48.246	ug/l	98
23) Vinyl Acetate	6.303	43	2166843	245.464	ug/l	100
24) 1,1-Dichloroethane	6.261	63	603602	45.292	ug/l	98
25) 2-Butanone	7.208	43	378455	244.673	ug/l	96
26) 2,2-Dichloropropane	7.202	77	484743	46.716	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	360843	47.128	ug/l	99
28) Bromochloromethane	7.544	49	231423	47.720	ug/l	99
29) Tetrahydrofuran	7.561	42	240812	237.759	ug/l	98
30) Chloroform	7.708	83	609482	46.503	ug/l	99
31) Cyclohexane	7.985	56	557351	45.825	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	503675	45.988	ug/l	99
36) 1,1-Dichloropropene	8.108	75	480293	49.411	ug/l	100
37) Ethyl Acetate	7.291	43	171180	48.483	ug/l	99
38) Carbon Tetrachloride	8.091	117	431170	48.859	ug/l	99
39) Methylcyclohexane	9.355	83	563701	49.808	ug/l	100
40) Benzene	8.349	78	1352544	47.973	ug/l	99

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41) Methacrylonitrile	7.526	41	92270	48.338	ug/l	95
42) 1,2-Dichloroethane	8.420	62	347563	48.101	ug/l	98
43) Isopropyl Acetate	8.449	43	316532	48.021	ug/l	99
44) Trichloroethene	9.108	130	328075	48.170	ug/l	97
45) 1,2-Dichloropropane	9.385	63	352900	48.188	ug/l	95
46) Dibromomethane	9.473	93	170894	48.044	ug/l	99
47) Bromodichloromethane	9.655	83	447146	48.588	ug/l	99
48) Methyl methacrylate	9.455	41	152802	48.612	ug/l	97
49) 1,4-Dioxane	9.455	88	38163	985.864	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	844578	246.420	ug/l	100
52) Toluene	10.396	92	857000	49.939	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	396658	48.660	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	473740	47.882	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	243559	48.327	ug/l	97
56) Ethyl methacrylate	10.655	69	287276	50.089	ug/l	100
57) 1,3-Dichloropropane	10.938	76	420482	48.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	805840	266.398	ug/l	100
59) 2-Hexanone	10.979	43	595519	259.447	ug/l	98
60) Dibromochloromethane	11.132	129	277133	48.002	ug/l	98
61) 1,2-Dibromoethane	11.238	107	222492	48.764	ug/l	99
64) Tetrachloroethene	10.873	164	259831	47.116	ug/l	99
65) Chlorobenzene	11.667	112	856931	47.979	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	301562	47.545	ug/l	99
67) Ethyl Benzene	11.738	91	1574920	49.873	ug/l	100
68) m/p-Xylenes	11.849	106	1243776	101.634	ug/l	98
69) o-Xylene	12.173	106	560237	50.736	ug/l	99
70) Styrene	12.185	104	990447	51.214	ug/l	99
71) Bromoform	12.355	173	148314	47.994	ug/l #	100
73) Isopropylbenzene	12.473	105	1486440	51.605	ug/l	99
74) N-amyl acetate	12.279	43	306447	49.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	276393	48.091	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	186730m	46.615	ug/l	
77) Bromobenzene	12.749	156	314326	49.165	ug/l	97
78) n-propylbenzene	12.814	91	1919069	51.661	ug/l	100
79) 2-Chlorotoluene	12.902	91	1075649	50.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1259605	51.366	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	78238	50.695	ug/l	95
82) 4-Chlorotoluene	12.996	91	1112982	49.734	ug/l	100
83) tert-Butylbenzene	13.214	119	1027650	51.558	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1249988	51.386	ug/l	99
85) sec-Butylbenzene	13.390	105	1650514	51.684	ug/l	99
86) p-Isopropyltoluene	13.508	119	1334311	51.718	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	659510	48.551	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	641948	47.713	ug/l	99
89) n-Butylbenzene	13.832	91	1318621	52.084	ug/l	100
90) Hexachloroethane	14.102	117	268562	49.328	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	558500	47.983	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	39602	46.130	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	321222	49.627	ug/l	98
94) Hexachlorobutadiene	15.249	225	187959	49.158	ug/l	97
95) Naphthalene	15.384	128	591885	50.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	279092	49.394	ug/l	98

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

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