

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070260.D
 Acq On : 25 Aug 2021 19:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 4:58:34 PM

Quant Time: Aug 26 02:47:03 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	7.979	168	380463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	702688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	332839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247912	55.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.800%			
35) Dibromofluoromethane	7.914	113	251785	55.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.920%			
50) Toluene-d8	10.338	98	950742	53.844	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.680%			
62) 4-Bromofluorobenzene	12.626	95	313347	53.878	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	149505	39.641	ug/l	98
3) Chloromethane	2.209	50	246404	46.392	ug/l	99
4) Vinyl Chloride	2.344	62	254447	39.517	ug/l	99
5) Bromomethane	2.756	94	202501	58.008	ug/l	91
6) Chloroethane	2.914	64	200463	48.733	ug/l	99
7) Trichlorofluoromethane	3.267	101	331494	42.864	ug/l	99
8) Diethyl Ether	3.703	74	107252	48.460	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	216382	43.980	ug/l	98
10) Methyl Iodide	4.297	142	209899	46.660	ug/l	99
11) Tert butyl alcohol	5.226	59	52245	211.230	ug/l	100
12) 1,1-Dichloroethene	4.061	96	199049	44.037	ug/l	89
13) Acrolein	3.920	56	65122	228.579	ug/l	98
14) Allyl chloride	4.714	41	306051	45.378	ug/l	96
15) Acrylonitrile	5.420	53	261093	254.415	ug/l	99
16) Acetone	4.161	43	187207	227.099	ug/l	98
17) Carbon Disulfide	4.403	76	685949	41.974	ug/l	96
18) Methyl Acetate	4.714	43	128693	52.363	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	479798	51.146	ug/l	98
20) Methylene Chloride	4.956	84	318263	57.944	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	260451	49.606	ug/l	91
22) Diisopropyl ether	6.361	45	759479	53.542	ug/l	99
23) Vinyl Acetate	6.303	43	1662846	258.669	ug/l	99
24) 1,1-Dichloroethane	6.261	63	488973	50.384	ug/l	99
25) 2-Butanone	7.208	43	284642	252.699	ug/l	95
26) 2,2-Dichloropropane	7.208	77	343050	45.399	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	285754	51.249	ug/l	97
28) Bromochloromethane	7.544	49	198429	56.186	ug/l	99
29) Tetrahydrofuran	7.561	42	190161	257.818	ug/l	98
30) Chloroform	7.708	83	504775	52.887	ug/l	97
31) Cyclohexane	7.985	56	353879	39.954	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	393493	49.336	ug/l	99
36) 1,1-Dichloropropene	8.108	75	349449	46.227	ug/l	100
37) Ethyl Acetate	7.291	43	136416	49.682	ug/l	99
38) Carbon Tetrachloride	8.097	117	325772	47.469	ug/l	97
39) Methylcyclohexane	9.355	83	358267	40.705	ug/l	99
40) Benzene	8.349	78	1093327	49.864	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	70974	47.810	ug/l	96
42) 1,2-Dichloroethane	8.426	62	290859	51.761	ug/l	99
43) Isopropyl Acetate	8.449	43	254034	49.556	ug/l	100
44) Trichloroethene	9.108	130	253917	47.939	ug/l	100
45) 1,2-Dichloropropane	9.385	63	296072	51.985	ug/l	94
46) Dibromomethane	9.473	93	144814	52.350	ug/l	99
47) Bromodichloromethane	9.655	83	382839	53.492	ug/l	99
48) Methyl methacrylate	9.455	41	116092	47.491	ug/l #	87
49) 1,4-Dioxane	9.461	88	31092	1032.807	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	709807	266.301	ug/l	98
52) Toluene	10.396	92	678694	50.855	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	319886	50.460	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	385733	50.132	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	210678	53.753	ug/l	98
56) Ethyl methacrylate	10.655	69	231876	51.987	ug/l	97
57) 1,3-Dichloropropane	10.943	76	355038	52.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	699399	297.305	ug/l	100
59) 2-Hexanone	10.979	43	482850	270.496	ug/l	97
60) Dibromochloromethane	11.132	129	236973	52.779	ug/l	99
61) 1,2-Dibromoethane	11.243	107	189389	53.375	ug/l	99
64) Tetrachloroethene	10.873	164	198967	44.469	ug/l	97
65) Chlorobenzene	11.667	112	697159	48.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	260007	50.525	ug/l	100
67) Ethyl Benzene	11.738	91	1243492	48.534	ug/l	100
68) m/p-Xylenes	11.849	106	979397	98.640	ug/l	98
69) o-Xylene	12.173	106	441604	49.292	ug/l	99
70) Styrene	12.190	104	807415	51.457	ug/l	99
71) Bromoform	12.355	173	129156	51.513	ug/l #	100
73) Isopropylbenzene	12.473	105	1135892	46.799	ug/l	99
74) N-amyl acetate	12.279	43	243698	46.568	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	242018	49.974	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	187779m	55.631	ug/l	
77) Bromobenzene	12.755	156	257620	47.821	ug/l	99
78) n-propylbenzene	12.814	91	1475461	47.137	ug/l	100
79) 2-Chlorotoluene	12.896	91	859062	47.702	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	993184	48.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	63915	49.149	ug/l	95
82) 4-Chlorotoluene	12.996	91	884690	46.915	ug/l	100
83) tert-Butylbenzene	13.214	119	776539	46.236	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	995673	48.576	ug/l	99
85) sec-Butylbenzene	13.390	105	1243853	46.224	ug/l	99
86) p-Isopropyltoluene	13.508	119	1009600	46.440	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	536280	46.852	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	525666	46.367	ug/l	100
89) n-Butylbenzene	13.832	91	947454	44.412	ug/l	98
90) Hexachloroethane	14.102	117	215701	47.018	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	470223	47.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	31942	44.156	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	242990	44.551	ug/l	98
94) Hexachlorobutadiene	15.255	225	140003	43.454	ug/l	99
95) Naphthalene	15.384	128	464078	46.751	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	221635	46.551	ug/l	99

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

