

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070195.D
 Acq On : 20 Aug 2021 11:31
 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

SAM
 8/23/2021 11:06:06 AM

Quant Time: Aug 23 03:50:28 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	520991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	909670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	846418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	395315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	293690	47.928	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.860%		
35) Dibromofluoromethane	7.914	113	296363	50.427	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.860%		
50) Toluene-d8	10.338	98	1172900	51.311	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.620%		
62) 4-Bromofluorobenzene	12.626	95	386194	51.294	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	231718	45.832	ug/l	100
3) Chloromethane	2.209	50	319762	43.712	ug/l	100
4) Vinyl Chloride	2.344	62	365798	41.487	ug/l	99
5) Bromomethane	2.756	94	250404	51.929	ug/l	95
6) Chloroethane	2.915	64	254791	45.233	ug/l	97
7) Trichlorofluoromethane	3.268	101	474523	44.808	ug/l	97
8) Diethyl Ether	3.709	74	141016	46.529	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	305194	45.299	ug/l	99
10) Methyl Iodide	4.291	142	304702	49.464	ug/l	99
11) Tert butyl alcohol	5.226	59	76412	225.608	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	286020	46.210	ug/l	98
13) Acrolein	3.920	56	90255	231.346	ug/l	98
14) Allyl chloride	4.709	41	437793	47.403	ug/l	98
15) Acrylonitrile	5.415	53	341184	242.783	ug/l	100
16) Acetone	4.156	43	333736	295.650	ug/l	100
17) Carbon Disulfide	4.403	76	968922	43.297	ug/l	98
18) Methyl Acetate	4.715	43	156018	46.358	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	635940	49.505	ug/l	99
20) Methylene Chloride	4.962	84	377168	48.836	ug/l	99
21) trans-1,2-Dichloroethene	5.462	96	339266	47.188	ug/l	96
22) Diisopropyl ether	6.356	45	969206	49.897	ug/l	98
23) Vinyl Acetate	6.303	43	2274077	258.333	ug/l	98
24) 1,1-Dichloroethane	6.256	63	620032	46.655	ug/l	98
25) 2-Butanone	7.209	43	402083	260.677	ug/l	93
26) 2,2-Dichloropropane	7.203	77	506851	48.983	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	368591	48.275	ug/l	100
28) Bromochloromethane	7.538	49	224031	46.325	ug/l	99
29) Tetrahydrofuran	7.556	42	251960	249.463	ug/l	99
30) Chloroform	7.709	83	611915	46.820	ug/l	100
31) Cyclohexane	7.979	56	558090	46.014	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	518583	47.482	ug/l	98
36) 1,1-Dichloropropene	8.108	75	481520	49.204	ug/l	99
37) Ethyl Acetate	7.291	43	185029	52.054	ug/l	97
38) Carbon Tetrachloride	8.091	117	443085	49.872	ug/l	92
39) Methylcyclohexane	9.350	83	575309	50.492	ug/l	98
40) Benzene	8.350	78	1387623	48.886	ug/l	98

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41) Methacrylonitrile	7.520	41	99745	51.903	ug/l	95
42) 1,2-Dichloroethane	8.420	62	351430	48.310	ug/l	98
43) Isopropyl Acetate	8.450	43	322365	48.577	ug/l	99
44) Trichloroethene	9.108	130	333196	48.593	ug/l	95
45) 1,2-Dichloropropane	9.385	63	364263	49.405	ug/l	98
46) Dibromomethane	9.473	93	176750	49.356	ug/l	98
47) Bromodichloromethane	9.655	83	458264	49.462	ug/l	97
48) Methyl methacrylate	9.450	41	163867	51.782	ug/l	99
49) 1,4-Dioxane	9.455	88	41323	1060.330	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	894044	259.101	ug/l	100
52) Toluene	10.397	92	865472	50.095	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	414868	50.553	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	507086	50.908	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	247901	48.858	ug/l	95
56) Ethyl methacrylate	10.655	69	305577	52.923	ug/l	98
57) 1,3-Dichloropropane	10.938	76	432409	49.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	837205	274.908	ug/l	99
59) 2-Hexanone	10.979	43	636819	275.577	ug/l	100
60) Dibromochloromethane	11.132	129	284900	49.016	ug/l	99
61) 1,2-Dibromoethane	11.244	107	229776	50.022	ug/l	100
64) Tetrachloroethene	10.873	164	260797	47.761	ug/l	98
65) Chlorobenzene	11.667	112	869320	49.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	309767	49.324	ug/l	100
67) Ethyl Benzene	11.738	91	1616616	51.702	ug/l	99
68) m/p-Xylenes	11.849	106	1251033	103.243	ug/l	99
69) o-Xylene	12.173	106	572493	52.362	ug/l	98
70) Styrene	12.185	104	1007900	52.634	ug/l	99
71) Bromoform	12.355	173	153820	50.270	ug/l #	100
73) Isopropylbenzene	12.473	105	1520548	52.747	ug/l	99
74) N-amyl acetate	12.279	43	320286	51.530	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	288354	50.132	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	196175m	48.933	ug/l	
77) Bromobenzene	12.755	156	320048	50.020	ug/l	99
78) n-propylbenzene	12.814	91	1974070	53.099	ug/l	99
79) 2-Chlorotoluene	12.896	91	1089009	50.914	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1281596	52.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	84205	54.518	ug/l	96
82) 4-Chlorotoluene	12.996	91	1133889	50.627	ug/l	100
83) tert-Butylbenzene	13.214	119	1042136	52.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1273295	52.302	ug/l	100
85) sec-Butylbenzene	13.391	105	1676363	52.452	ug/l	99
86) p-Isopropyltoluene	13.508	119	1362899	52.784	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	670647	49.332	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	665658	49.435	ug/l	100
89) n-Butylbenzene	13.832	91	1343679	53.031	ug/l	99
90) Hexachloroethane	14.102	117	271879	49.897	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	578482	49.660	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	39286	45.726	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	324833	50.144	ug/l	99
94) Hexachlorobutadiene	15.255	225	191832	50.131	ug/l	98
95) Naphthalene	15.385	128	608544	51.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	281936	49.858	ug/l	99

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

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