

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069293.D
 Acq On : 02 Jun 2021 11:09
 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
 6/3/2021 5:39:57 PM

Quant Time: Jun 03 01:06:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	436351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	695615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	662532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	332396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	178203	42.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.120%		
35) Dibromofluoromethane	7.914	113	196791	45.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.100%		
50) Toluene-d8	10.338	98	704992	44.382	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.760%		
62) 4-Bromofluorobenzene	12.626	95	237448	45.619	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	211583	46.065	ug/l	100
3) Chloromethane	2.209	50	163726	47.218	ug/l	96
4) Vinyl Chloride	2.350	62	175085	49.564	ug/l	98
5) Bromomethane	2.773	94	132004	51.221	ug/l	93
6) Chloroethane	2.920	64	100545	49.880	ug/l	96
7) Trichlorofluoromethane	3.273	101	389089	47.355	ug/l	98
8) Diethyl Ether	3.709	74	97699	48.399	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	231980	47.945	ug/l	99
10) Methyl Iodide	4.303	142	209156	42.720	ug/l	98
11) Tert butyl alcohol	5.220	59	54316	207.119	ug/l	99
12) 1,1-Dichloroethene	4.073	96	208139	47.557	ug/l	98
13) Acrolein	3.920	56	62394	225.059	ug/l	96
14) Allyl chloride	4.714	41	250272	47.395	ug/l	98
15) Acrylonitrile	5.420	53	186483	236.975	ug/l	99
16) Acetone	4.156	43	182694	250.045	ug/l	94
17) Carbon Disulfide	4.414	76	694194	47.966	ug/l	99
18) Methyl Acetate	4.720	43	83151	42.054	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	394034	49.022	ug/l	98
20) Methylene Chloride	4.967	84	267532	50.043	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	253190	48.846	ug/l	96
22) Diisopropyl ether	6.361	45	509083	50.196	ug/l	92
23) Vinyl Acetate	6.308	43	1513098	234.258	ug/l	99
24) 1,1-Dichloroethane	6.267	63	406264	47.871	ug/l	98
25) 2-Butanone	7.208	43	231970	241.276	ug/l	95
26) 2,2-Dichloropropane	7.208	77	362643	46.371	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	271053	49.370	ug/l	99
28) Bromochloromethane	7.544	49	141430	48.065	ug/l	95
29) Tetrahydrofuran	7.561	42	131620	238.182	ug/l	99
30) Chloroform	7.708	83	443016	47.749	ug/l	99
31) Cyclohexane	7.985	56	301228	45.278	ug/l	100
32) 1,1,1-Trichloroethane	7.908	97	400219	47.798	ug/l	99
36) 1,1-Dichloropropene	8.114	75	339079	50.149	ug/l	100
37) Ethyl Acetate	7.291	43	108422	47.226	ug/l	98
38) Carbon Tetrachloride	8.097	117	361910	49.575	ug/l	99
39) Methylcyclohexane	9.355	83	360551	52.128	ug/l	97
40) Benzene	8.350	78	984246	50.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	58565	52.542	ug/l	85
42) 1,2-Dichloroethane	8.420	62	256319	48.911	ug/l	98
43) Isopropyl Acetate	8.450	43	200194	47.913	ug/l	99
44) Trichloroethene	9.114	130	267949	50.221	ug/l	98
45) 1,2-Dichloropropane	9.391	63	239343	51.192	ug/l	96
46) Dibromomethane	9.473	93	132827	49.705	ug/l	97
47) Bromodichloromethane	9.661	83	342998	49.775	ug/l	94
48) Methyl methacrylate	9.455	41	94109	48.514	ug/l	90
49) 1,4-Dioxane	9.461	88	27560	1049.886	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	535667	248.216	ug/l	99
52) Toluene	10.402	92	645451	52.074	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	306846	49.860	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	362460	49.399	ug/l	100
55) 1,1,2-Trichloroethane	10.802	97	181305	48.910	ug/l	98
56) Ethyl methacrylate	10.661	69	197751	46.946	ug/l	97
57) 1,3-Dichloropropane	10.944	76	300751	50.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	482624	278.052	ug/l	100
59) 2-Hexanone	10.985	43	377023	261.351	ug/l	99
60) Dibromochloromethane	11.138	129	235719	50.466	ug/l	98
61) 1,2-Dibromoethane	11.243	107	176572	49.937	ug/l	99
64) Tetrachloroethene	10.873	164	223628	48.492	ug/l	97
65) Chlorobenzene	11.667	112	673648	49.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	250481	49.377	ug/l	100
67) Ethyl Benzene	11.743	91	1207683	51.919	ug/l	100
68) m/p-Xylenes	11.849	106	953032	104.560	ug/l	99
69) o-Xylene	12.179	106	429059	53.224	ug/l	98
70) Styrene	12.190	104	755340	53.976	ug/l	99
71) Bromoform	12.355	173	134036	50.943	ug/l #	98
73) Isopropylbenzene	12.473	105	1153019	50.685	ug/l	98
74) N-amyl acetate	12.285	43	190992	47.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	196951	46.377	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	128253m	44.409	ug/l	
77) Bromobenzene	12.755	156	267481	48.824	ug/l	98
78) n-propylbenzene	12.814	91	1423476	51.021	ug/l	99
79) 2-Chlorotoluene	12.902	91	780742	49.228	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	991653	51.471	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	61001	46.808	ug/l	94
82) 4-Chlorotoluene	13.002	91	827085	49.571	ug/l	100
83) tert-Butylbenzene	13.220	119	811297	50.283	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	990169	51.677	ug/l	100
85) sec-Butylbenzene	13.396	105	1209699	50.796	ug/l	100
86) p-Isopropyltoluene	13.508	119	1080714	51.900	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	542718	48.952	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	534067	48.332	ug/l	99
89) n-Butylbenzene	13.837	91	983929	50.504	ug/l	99
90) Hexachloroethane	14.102	117	186584	47.169	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	468214	49.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	30081	44.465	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	286643	50.007	ug/l	99
94) Hexachlorobutadiene	15.255	225	170773	47.453	ug/l	95
95) Naphthalene	15.390	128	490811	43.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	250371	49.628	ug/l	99

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

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