

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069339.D
 Acq On : 04 Jun 2021 11:35
 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
 6/7/2021 7:14:49 PM

Quant Time: Jun 05 00:32:37 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	484951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	749093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	693806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	340243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186798	40.144	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.280%		
35) Dibromofluoromethane	7.914	113	206432	43.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.760%		
50) Toluene-d8	10.338	98	749558	43.819	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.640%		
62) 4-Bromofluorobenzene	12.626	95	247193	44.101	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	226684	44.407	ug/l	97
3) Chloromethane	2.209	50	178129	46.223	ug/l	98
4) Vinyl Chloride	2.350	62	191761	48.845	ug/l	100
5) Bromomethane	2.768	94	139777	48.802	ug/l	87
6) Chloroethane	2.920	64	108416	48.395	ug/l	99
7) Trichlorofluoromethane	3.273	101	418847	45.868	ug/l	100
8) Diethyl Ether	3.715	74	102921	45.876	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	244543	45.477	ug/l	98
10) Methyl Iodide	4.297	142	245745	45.020	ug/l	99
11) Tert butyl alcohol	5.214	59	71607	251.134	ug/l	96
12) 1,1-Dichloroethene	4.067	96	233810	48.069	ug/l	98
13) Acrolein	3.926	56	84465	270.399	ug/l	95
14) Allyl chloride	4.714	41	269443	45.912	ug/l	99
15) Acrylonitrile	5.420	53	202742	231.816	ug/l	100
16) Acetone	4.156	43	228447	281.331	ug/l	97
17) Carbon Disulfide	4.409	76	721046	44.829	ug/l	100
18) Methyl Acetate	4.720	43	95239	43.341	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	420318	47.051	ug/l	97
20) Methylene Chloride	4.967	84	265777	43.904	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	265468	46.082	ug/l	96
22) Diisopropyl ether	6.361	45	535655	47.523	ug/l	94
23) Vinyl Acetate	6.303	43	1605996	224.245	ug/l	100
24) 1,1-Dichloroethane	6.267	63	427588	45.334	ug/l	99
25) 2-Butanone	7.214	43	265382	248.366	ug/l	94
26) 2,2-Dichloropropane	7.208	77	401614	46.208	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	283568	46.473	ug/l	99
28) Bromochloromethane	7.544	49	142930	43.706	ug/l	94
29) Tetrahydrofuran	7.561	42	146613	238.725	ug/l	99
30) Chloroform	7.708	83	459333	44.546	ug/l	99
31) Cyclohexane	7.985	56	327055	44.234	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	429731	46.180	ug/l	100
36) 1,1-Dichloropropene	8.108	75	359944	49.435	ug/l	99
37) Ethyl Acetate	7.291	43	121322	49.073	ug/l	97
38) Carbon Tetrachloride	8.097	117	383697	48.808	ug/l	96
39) Methylcyclohexane	9.355	83	384764	51.657	ug/l	98
40) Benzene	8.350	78	1005034	47.526	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	67345	56.106	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	268254	47.534	ug/l	100
43) Isopropyl Acetate	8.450	43	223917	49.765	ug/l	98
44) Trichloroethene	9.114	130	282772	49.216	ug/l	97
45) 1,2-Dichloropropane	9.385	63	235309	46.736	ug/l	100
46) Dibromomethane	9.473	93	138145	48.004	ug/l	96
47) Bromodichloromethane	9.661	83	351284	47.339	ug/l	96
48) Methyl methacrylate	9.455	41	109767	52.547	ug/l	94
49) 1,4-Dioxane	9.461	88	29482	1042.925	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	590038	253.892	ug/l	99
52) Toluene	10.402	92	661850	49.585	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	320823	48.409	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	368949	46.694	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	189519	47.476	ug/l	97
56) Ethyl methacrylate	10.661	69	216367	47.657	ug/l	98
57) 1,3-Dichloropropane	10.944	76	314188	48.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	520722	278.584	ug/l	99
59) 2-Hexanone	10.985	43	428137	275.595	ug/l	100
60) Dibromochloromethane	11.138	129	235429	46.806	ug/l	100
61) 1,2-Dibromoethane	11.244	107	184462	48.444	ug/l	100
64) Tetrachloroethene	10.873	164	246645	51.073	ug/l	97
65) Chlorobenzene	11.667	112	692594	48.849	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	260505	49.038	ug/l	99
67) Ethyl Benzene	11.743	91	1242165	50.994	ug/l	100
68) m/p-Xylenes	11.849	106	985788	103.279	ug/l	100
69) o-Xylene	12.179	106	442006	52.359	ug/l	98
70) Styrene	12.191	104	773193	52.761	ug/l	99
71) Bromoform	12.355	173	142067	51.562	ug/l #	98
73) Isopropylbenzene	12.473	105	1218783	52.341	ug/l	99
74) N-amyl acetate	12.285	43	207995	50.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	211021	48.544	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	133266m	45.081	ug/l	
77) Bromobenzene	12.755	156	276608	49.326	ug/l	99
78) n-propylbenzene	12.814	91	1486241	52.042	ug/l	100
79) 2-Chlorotoluene	12.902	91	814520	50.174	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1016838	51.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	64237	48.154	ug/l	97
82) 4-Chlorotoluene	13.002	91	849882	49.762	ug/l	99
83) tert-Butylbenzene	13.220	119	860787	52.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1006171	51.301	ug/l	99
85) sec-Butylbenzene	13.396	105	1280967	52.549	ug/l	100
86) p-Isopropyltoluene	13.508	119	1121183	52.602	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	543464	47.888	ug/l	100
88) 1,4-Dichlorobenzene	13.590	146	538040	47.569	ug/l	99
89) n-Butylbenzene	13.838	91	1048610	52.583	ug/l	99
90) Hexachloroethane	14.102	117	192268	47.485	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	466622	47.716	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	30866	44.574	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	290818	49.565	ug/l	99
94) Hexachlorobutadiene	15.261	225	182972	49.670	ug/l	98
95) Naphthalene	15.390	128	525980	45.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	255428	49.462	ug/l	99

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

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