

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069941.D
 Acq On : 30 Jul 2021 17:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/2/2021 4:59:47 PM

Quant Time: Jul 31 00:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	549154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	994230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	973129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	306530	48.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.060%		
35) Dibromofluoromethane	7.914	113	315695	50.369	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.740%		
50) Toluene-d8	10.338	98	1204660	49.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.700%		
62) 4-Bromofluorobenzene	12.626	95	410496	50.824	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	232712	40.261	ug/l	98
3) Chloromethane	2.209	50	367326	43.809	ug/l	95
4) Vinyl Chloride	2.350	62	399321	45.280	ug/l	98
5) Bromomethane	2.762	94	273796	52.730	ug/l	98
6) Chloroethane	2.921	64	271598	47.514	ug/l	95
7) Trichlorofluoromethane	3.273	101	493982	45.374	ug/l	98
8) Diethyl Ether	3.709	74	156001	50.943	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	313414	45.328	ug/l	99
10) Methyl Iodide	4.303	142	331538	48.664	ug/l	99
11) Tert butyl alcohol	5.226	59	71846	219.843	ug/l	97
12) 1,1-Dichloroethene	4.068	96	300898	47.890	ug/l	99
13) Acrolein	3.921	56	95645	209.071	ug/l	98
14) Allyl chloride	4.715	41	463000	50.261	ug/l	99
15) Acrylonitrile	5.420	53	373622	259.361	ug/l	99
16) Acetone	4.156	43	248694	217.977	ug/l	98
17) Carbon Disulfide	4.409	76	1021020	45.448	ug/l	99
18) Methyl Acetate	4.720	43	168537	50.912	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	693985	53.309	ug/l	98
20) Methylene Chloride	4.968	84	479253	59.153	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	369687	49.933	ug/l	98
22) Diisopropyl ether	6.362	45	1102922	55.098	ug/l	96
23) Vinyl Acetate	6.309	43	2610831	238.151	ug/l	99
24) 1,1-Dichloroethane	6.267	63	701600	50.745	ug/l	99
25) 2-Butanone	7.209	43	393078	254.054	ug/l	99
26) 2,2-Dichloropropane	7.209	77	504002	47.940	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	415865	52.640	ug/l	96
28) Bromochloromethane	7.550	49	262871	50.077	ug/l	99
29) Tetrahydrofuran	7.561	42	265777	265.510	ug/l	97
30) Chloroform	7.709	83	710584	51.118	ug/l	93
31) Cyclohexane	7.985	56	547008	44.327	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	564189	49.034	ug/l	99
36) 1,1-Dichloropropene	8.114	75	509777	47.512	ug/l	99
37) Ethyl Acetate	7.291	43	197963	50.682	ug/l	99
38) Carbon Tetrachloride	8.097	117	464298	47.374	ug/l	98
39) Methylcyclohexane	9.356	83	569275	46.327	ug/l	97
40) Benzene	8.350	78	1591370	51.196	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	114013	55.621	ug/l	90
42) 1,2-Dichloroethane	8.426	62	408826	49.732	ug/l	99
43) Isopropyl Acetate	8.450	43	350423	50.022	ug/l	99
44) Trichloroethene	9.108	130	373984	48.855	ug/l	99
45) 1,2-Dichloropropane	9.385	63	412836	50.563	ug/l	100
46) Dibromomethane	9.473	93	207120	51.607	ug/l	97
47) Bromodichloromethane	9.656	83	529225	50.754	ug/l	100
48) Methyl methacrylate	9.456	41	177898	47.821	ug/l	97
49) 1,4-Dioxane	9.456	88	43237	1019.692	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	964876	264.682	ug/l	100
52) Toluene	10.403	92	986572	52.321	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	443674	50.691	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	538435	50.813	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	288121	50.826	ug/l	98
56) Ethyl methacrylate	10.655	69	334651	47.923	ug/l	94
57) 1,3-Dichloropropane	10.944	76	498348	51.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	762340	247.522	ug/l	99
59) 2-Hexanone	10.979	43	645718	267.790	ug/l	99
60) Dibromochloromethane	11.138	129	331664	51.662	ug/l	99
61) 1,2-Dibromoethane	11.244	107	262923	51.515	ug/l	97
64) Tetrachloroethene	10.873	164	296194	47.749	ug/l	98
65) Chlorobenzene	11.667	112	1012017	50.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	361625	49.861	ug/l	98
67) Ethyl Benzene	11.738	91	1831814	51.608	ug/l	98
68) m/p-Xylenes	11.850	106	1427208	103.722	ug/l	99
69) o-Xylene	12.173	106	653175	52.215	ug/l	99
70) Styrene	12.191	104	1166503	53.809	ug/l	99
71) Bromoform	12.355	173	178338	50.632	ug/l	100
73) Isopropylbenzene	12.473	105	1682722	51.623	ug/l	100
74) N-amyl acetate	12.285	43	335773	50.079	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	326154	50.103	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	222369m	46.114	ug/l	
77) Bromobenzene	12.755	156	372384	50.722	ug/l	97
78) n-propylbenzene	12.814	91	2149708	51.347	ug/l	99
79) 2-Chlorotoluene	12.902	91	1247147	51.284	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1456503	52.234	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	80988	50.952	ug/l	96
82) 4-Chlorotoluene	12.996	91	1311763	51.596	ug/l	100
83) tert-Butylbenzene	13.214	119	1164056	51.346	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1443039	52.458	ug/l	100
85) sec-Butylbenzene	13.391	105	1818487	50.739	ug/l	100
86) p-Isopropyltoluene	13.508	119	1483012	50.933	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	757244	49.128	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	741107	48.240	ug/l	100
89) n-Butylbenzene	13.832	91	1413595	49.193	ug/l	100
90) Hexachloroethane	14.102	117	292229	47.380	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	671831	50.500	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	46384	49.483	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	354786	49.429	ug/l	100
94) Hexachlorobutadiene	15.255	225	208070	47.389	ug/l	99
95) Naphthalene	15.390	128	671788	45.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	314966	50.741	ug/l	98

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

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