

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069580.D
 Acq On : 06 Jul 2021 13:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:35 PM

Quant Time: Jul 07 04:51:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	671004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1172346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1081741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	493107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	388623	46.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.920%		
35) Dibromofluoromethane	7.914	113	371016	46.817	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.640%		
50) Toluene-d8	10.338	98	1456042	48.983	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.626	95	502109	51.380	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	286416	44.501	ug/l	98
3) Chloromethane	2.209	50	389610	41.385	ug/l	100
4) Vinyl Chloride	2.350	62	454020	43.263	ug/l	99
5) Bromomethane	2.767	94	278442	44.059	ug/l	99
6) Chloroethane	2.920	64	295101	42.214	ug/l	98
7) Trichlorofluoromethane	3.267	101	606950	48.700	ug/l	99
8) Diethyl Ether	3.709	74	179436	54.428	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	376848	49.437	ug/l	96
10) Methyl Iodide	4.297	142	337193	48.151	ug/l	100
11) Tert butyl alcohol	5.214	59	187373	467.151	ug/l	98
12) 1,1-Dichloroethene	4.067	96	348286	52.563	ug/l	97
13) Acrolein	3.920	56	113521	243.851	ug/l	99
14) Allyl chloride	4.714	41	566588	60.994	ug/l	91
15) Acrylonitrile	5.420	53	395507	285.789	ug/l	99
16) Acetone	4.156	43	360207	255.868	ug/l	97
17) Carbon Disulfide	4.409	76	1058715	48.530	ug/l	99
18) Methyl Acetate	4.714	43	199388	57.462	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	735804	56.504	ug/l	100
20) Methylene Chloride	4.961	84	437838	48.689	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	403575	50.483	ug/l	98
22) Diisopropyl ether	6.367	45	1130893	60.416	ug/l	93
23) Vinyl Acetate	6.303	43	3257203	271.819	ug/l	97
24) 1,1-Dichloroethane	6.261	63	767380	51.758	ug/l	99
25) 2-Butanone	7.208	43	510126	285.160	ug/l	94
26) 2,2-Dichloropropane	7.208	77	651765	53.772	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	453690	52.230	ug/l	95
28) Bromochloromethane	7.544	49	318535	54.854	ug/l	94
29) Tetrahydrofuran	7.561	42	294385	300.159	ug/l	98
30) Chloroform	7.708	83	773301	49.340	ug/l	96
31) Cyclohexane	7.985	56	584296	51.885	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	655384	50.744	ug/l	97
36) 1,1-Dichloropropene	8.108	75	600902	52.226	ug/l	99
37) Ethyl Acetate	7.291	43	235699	55.203	ug/l	98
38) Carbon Tetrachloride	8.097	117	555236	48.759	ug/l	98
39) Methylcyclohexane	9.355	83	618435	54.488	ug/l	97
40) Benzene	8.350	78	1712907	51.640	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	121676	48.970	ug/l #	92
42) 1,2-Dichloroethane	8.420	62	462397	47.982	ug/l	100
43) Isopropyl Acetate	8.450	43	440927	56.845	ug/l	97
44) Trichloroethene	9.114	130	411366	49.147	ug/l	95
45) 1,2-Dichloropropane	9.385	63	448852	52.714	ug/l	96
46) Dibromomethane	9.473	93	219152	49.143	ug/l	96
47) Bromodichloromethane	9.661	83	580119	48.444	ug/l	99
48) Methyl methacrylate	9.455	41	211905	57.508	ug/l	92
49) 1,4-Dioxane	9.461	88	46624	1061.343	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	1181388	289.627	ug/l	99
52) Toluene	10.402	92	1063405	51.955	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	539278	52.086	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	651762	52.348	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	307860	48.887	ug/l	98
56) Ethyl methacrylate	10.655	69	384894	51.887	ug/l #	95
57) 1,3-Dichloropropane	10.944	76	550135	51.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1041945	268.162	ug/l	97
59) 2-Hexanone	10.979	43	792895	288.056	ug/l	99
60) Dibromochloromethane	11.138	129	361536	48.710	ug/l	98
61) 1,2-Dibromoethane	11.243	107	283449	48.817	ug/l	95
64) Tetrachloroethene	10.873	164	320178	47.132	ug/l	95
65) Chlorobenzene	11.667	112	1080887	50.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	387637	49.558	ug/l	100
67) Ethyl Benzene	11.738	91	2005128	53.352	ug/l	100
68) m/p-Xylenes	11.849	106	1510918	106.771	ug/l	99
69) o-Xylene	12.179	106	686735	54.137	ug/l	98
70) Styrene	12.191	104	1219068	54.560	ug/l	99
71) Bromoform	12.355	173	192956	48.678	ug/l #	97
73) Isopropylbenzene	12.473	105	1885557	55.499	ug/l	99
74) N-amyl acetate	12.285	43	408175	59.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	356077	52.180	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	257272m	53.150	ug/l	
77) Bromobenzene	12.755	156	396083	51.340	ug/l	93
78) n-propylbenzene	12.814	91	2375898	55.717	ug/l	99
79) 2-Chlorotoluene	12.902	91	1326308	54.443	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	1591314	55.657	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	110009	56.746	ug/l	93
82) 4-Chlorotoluene	12.996	91	1403183	53.723	ug/l	99
83) tert-Butylbenzene	13.214	119	1333230	51.984	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1583749	55.721	ug/l	98
85) sec-Butylbenzene	13.396	105	1963193	55.072	ug/l	99
86) p-Isopropyltoluene	13.508	119	1691945	56.386	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	801721	50.740	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	783824	49.793	ug/l	100
89) n-Butylbenzene	13.832	91	1673526	55.909	ug/l	98
90) Hexachloroethane	14.102	117	295509	50.381	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	697397	51.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	53033	51.219	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	411595	53.980	ug/l	99
94) Hexachlorobutadiene	15.255	225	241693	50.519	ug/l	100
95) Naphthalene	15.390	128	787054	51.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	362131	53.881	ug/l	99

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

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