

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069454.D
 Acq On : 16 Jun 2021 08:46
 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
 6/17/2021 12:14:09 PM

Quant Time: Jun 17 02:44:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	425731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	627240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216642	45.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.220%		
35) Dibromofluoromethane	7.914	113	239288	48.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.338	98	913680	50.853	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.626	95	294945	51.161	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	207597	48.945	ug/l	99
3) Chloromethane	2.209	50	191363	45.102	ug/l	99
4) Vinyl Chloride	2.350	62	248105	48.347	ug/l	98
5) Bromomethane	2.767	94	184358	47.285	ug/l	98
6) Chloroethane	2.920	64	167713	47.503	ug/l	98
7) Trichlorofluoromethane	3.273	101	418324	49.839	ug/l	98
8) Diethyl Ether	3.709	74	99037	46.998	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	253290	50.745	ug/l	98
10) Methyl Iodide	4.303	142	233798	45.694	ug/l	99
11) Tert butyl alcohol	5.220	59	52887	211.803	ug/l #	87
12) 1,1-Dichloroethene	4.067	96	229588	50.848	ug/l	99
13) Acrolein	3.920	56	75916	243.878	ug/l	94
14) Allyl chloride	4.714	41	273148	51.436	ug/l	98
15) Acrylonitrile	5.420	53	189480	234.029	ug/l	99
16) Acetone	4.156	43	201651	253.651	ug/l	97
17) Carbon Disulfide	4.409	76	743298	50.892	ug/l	97
18) Methyl Acetate	4.714	43	87783	45.105	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	413165	50.189	ug/l	99
20) Methylene Chloride	4.961	84	285928	49.056	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	272352	51.519	ug/l	98
22) Diisopropyl ether	6.361	45	563920	53.408	ug/l	96
23) Vinyl Acetate	6.303	43	1586437	234.801	ug/l	100
24) 1,1-Dichloroethane	6.261	63	440858	50.155	ug/l	100
25) 2-Butanone	7.208	43	244599	246.742	ug/l	93
26) 2,2-Dichloropropane	7.208	77	405730	52.389	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	290130	50.703	ug/l	99
28) Bromochloromethane	7.538	49	167873	52.134	ug/l	99
29) Tetrahydrofuran	7.561	42	138033	247.429	ug/l	100
30) Chloroform	7.708	83	481977	49.213	ug/l	98
31) Cyclohexane	7.985	56	343049	52.562	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	432106	50.224	ug/l	99
36) 1,1-Dichloropropene	8.108	75	370441	54.241	ug/l	100
37) Ethyl Acetate	7.291	43	112197	49.104	ug/l	97
38) Carbon Tetrachloride	8.097	117	396385	53.580	ug/l	95
39) Methylcyclohexane	9.355	83	393516	57.285	ug/l	98
40) Benzene	8.349	78	1050484	52.849	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	48683	42.828	ug/l	96
42) 1,2-Dichloroethane	8.420	62	267593	49.062	ug/l	99
43) Isopropyl Acetate	8.449	43	210374	48.693	ug/l	98
44) Trichloroethene	9.108	130	288504	52.044	ug/l	96
45) 1,2-Dichloropropane	9.385	63	256630	52.888	ug/l	99
46) Dibromomethane	9.473	93	139588	50.207	ug/l	96
47) Bromodichloromethane	9.655	83	367514	51.270	ug/l	99
48) Methyl methacrylate	9.449	41	98579	50.173	ug/l	91
49) 1,4-Dioxane	9.455	88	27039	998.675	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	558873	253.541	ug/l	100
52) Toluene	10.396	92	699647	55.434	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	321080	52.294	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	385984	52.296	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	194265	50.549	ug/l	98
56) Ethyl methacrylate	10.655	69	209548	47.876	ug/l	96
57) 1,3-Dichloropropane	10.943	76	320816	51.282	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	513912	233.429	ug/l	99
59) 2-Hexanone	10.979	43	403988	274.565	ug/l	99
60) Dibromochloromethane	11.138	129	245866	50.199	ug/l	97
61) 1,2-Dibromoethane	11.243	107	182935	49.554	ug/l	100
64) Tetrachloroethene	10.873	164	250209	51.579	ug/l	98
65) Chlorobenzene	11.667	112	720492	52.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	273183	51.589	ug/l	99
67) Ethyl Benzene	11.743	91	1311323	56.676	ug/l	98
68) m/p-Xylenes	11.849	106	1039988	113.158	ug/l	100
69) o-Xylene	12.179	106	462356	56.855	ug/l	99
70) Styrene	12.190	104	814822	56.946	ug/l	99
71) Bromoform	12.355	173	137046	49.990	ug/l #	98
73) Isopropylbenzene	12.473	105	1251245	56.403	ug/l	99
74) N-amyl acetate	12.285	43	201864	50.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	207458	48.708	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	153606m	48.016	ug/l	
77) Bromobenzene	12.755	156	288266	51.826	ug/l	100
78) n-propylbenzene	12.814	91	1554933	57.116	ug/l	100
79) 2-Chlorotoluene	12.902	91	848001	54.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1069455	57.185	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	61608	51.376	ug/l	96
82) 4-Chlorotoluene	12.996	91	906718	55.054	ug/l	100
83) tert-Butylbenzene	13.214	119	900753	56.576	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1075076	57.498	ug/l	98
85) sec-Butylbenzene	13.396	105	1339913	57.248	ug/l	99
86) p-Isopropyltoluene	13.508	119	1177573	57.913	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	580684	52.129	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	564120	50.841	ug/l	99
89) n-Butylbenzene	13.837	91	1107278	58.538	ug/l	99
90) Hexachloroethane	14.102	117	205801	51.998	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	497690	51.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	30028	46.814	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	306040	54.120	ug/l	100
94) Hexachlorobutadiene	15.255	225	195574	55.310	ug/l	99
95) Naphthalene	15.390	128	501040	46.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	259554	52.867	ug/l	99

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

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