

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069418.D
 Acq On : 14 Jun 2021 10:26
 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

6/15/2021 5:14:38 PM

Quant Time: Jun 15 07:23:55 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	442809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	680976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	649164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	327492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	237108	47.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.920%		
35) Dibromofluoromethane	7.908	113	252870	49.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.160%		
50) Toluene-d8	10.338	98	993549	53.259	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.520%		
62) 4-Bromofluorobenzene	12.626	95	320330	53.516	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	226384	51.315	ug/l	100
3) Chloromethane	2.209	50	193639	43.878	ug/l	99
4) Vinyl Chloride	2.350	62	255565	47.880	ug/l	97
5) Bromomethane	2.767	94	199513	49.253	ug/l	92
6) Chloroethane	2.920	64	172525	46.981	ug/l	100
7) Trichlorofluoromethane	3.273	101	428140	49.041	ug/l	98
8) Diethyl Ether	3.709	74	103633	47.283	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	263395	50.735	ug/l	97
10) Methyl Iodide	4.297	142	239070	44.978	ug/l	99
11) Tert butyl alcohol	5.220	59	57987	223.271	ug/l	98
12) 1,1-Dichloroethene	4.067	96	234822	50.002	ug/l	97
13) Acrolein	3.914	56	79922	246.845	ug/l	92
14) Allyl chloride	4.714	41	278802	50.476	ug/l	97
15) Acrylonitrile	5.420	53	196259	233.053	ug/l	98
16) Acetone	4.156	43	233608	282.516	ug/l	99
17) Carbon Disulfide	4.409	76	768466	50.586	ug/l	100
18) Methyl Acetate	4.720	43	91046	44.970	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	417212	48.726	ug/l	99
20) Methylene Chloride	4.967	84	281043	45.925	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	276664	50.316	ug/l	96
22) Diisopropyl ether	6.361	45	560941	51.077	ug/l	94
23) Vinyl Acetate	6.303	43	1625834	231.610	ug/l	100
24) 1,1-Dichloroethane	6.261	63	440634	48.197	ug/l	100
25) 2-Butanone	7.208	43	266119	258.097	ug/l	98
26) 2,2-Dichloropropane	7.208	77	411746	51.115	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	285042	47.892	ug/l	100
28) Bromochloromethane	7.550	49	170054	50.774	ug/l	98
29) Tetrahydrofuran	7.561	42	141434	243.748	ug/l	100
30) Chloroform	7.708	83	478831	47.006	ug/l	95
31) Cyclohexane	7.985	56	345964	50.964	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	442704	49.471	ug/l	99
36) 1,1-Dichloropropene	8.108	75	379601	53.533	ug/l	100
37) Ethyl Acetate	7.285	43	112441	47.397	ug/l	97
38) Carbon Tetrachloride	8.097	117	389681	50.731	ug/l	99
39) Methylcyclohexane	9.355	83	404223	56.674	ug/l	97
40) Benzene	8.349	78	1046760	50.720	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	59189	50.150	ug/l	90
42) 1,2-Dichloroethane	8.420	62	273219	48.247	ug/l	100
43) Isopropyl Acetate	8.449	43	220946	49.255	ug/l	99
44) Trichloroethene	9.108	130	291161	50.587	ug/l	99
45) 1,2-Dichloropropane	9.385	63	251473	49.915	ug/l	99
46) Dibromomethane	9.473	93	138206	47.877	ug/l	96
47) Bromodichloromethane	9.661	83	358451	48.162	ug/l	95
48) Methyl methacrylate	9.455	41	109512	53.682	ug/l	97
49) 1,4-Dioxane	9.455	88	28136	1000.875	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	586378	256.210	ug/l	98
52) Toluene	10.402	92	695672	53.087	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	320022	50.200	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	384099	50.122	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	195082	48.890	ug/l	98
56) Ethyl methacrylate	10.655	69	210757	46.465	ug/l	96
57) 1,3-Dichloropropane	10.943	76	319799	49.234	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	577295	251.572	ug/l	99
59) 2-Hexanone	10.979	43	427020	279.518	ug/l	99
60) Dibromochloromethane	11.138	129	245956	48.365	ug/l	98
61) 1,2-Dibromoethane	11.243	107	183394	47.847	ug/l	100
64) Tetrachloroethene	10.873	164	247134	49.224	ug/l	96
65) Chlorobenzene	11.667	112	713830	49.994	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	265874	48.513	ug/l	100
67) Ethyl Benzene	11.743	91	1297926	54.203	ug/l	97
68) m/p-Xylenes	11.849	106	1027196	107.992	ug/l	100
69) o-Xylene	12.179	106	455577	54.129	ug/l	99
70) Styrene	12.190	104	791606	53.455	ug/l	99
71) Bromoform	12.355	173	138399	48.778	ug/l #	97
73) Isopropylbenzene	12.473	105	1263120	54.860	ug/l	99
74) N-amyl acetate	12.285	43	204884	49.604	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	205694	46.531	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	154507m	46.535	ug/l	
77) Bromobenzene	12.755	156	285398	49.438	ug/l	99
78) n-propylbenzene	12.814	91	1531488	54.202	ug/l	100
79) 2-Chlorotoluene	12.902	91	836581	52.086	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1065495	54.894	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	62122	49.914	ug/l	94
82) 4-Chlorotoluene	13.002	91	894448	52.327	ug/l	100
83) tert-Butylbenzene	13.220	119	897378	54.307	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1061110	54.680	ug/l	100
85) sec-Butylbenzene	13.396	105	1326117	54.591	ug/l	100
86) p-Isopropyltoluene	13.508	119	1167643	55.329	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	569147	49.229	ug/l	100
88) 1,4-Dichlorobenzene	13.590	146	568052	49.327	ug/l	99
89) n-Butylbenzene	13.837	91	1086611	55.349	ug/l	100
90) Hexachloroethane	14.102	117	208939	50.865	ug/l	99
91) 1,2-Dichlorobenzene	13.884	146	490193	48.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	31039	46.624	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	303760	51.756	ug/l	100
94) Hexachlorobutadiene	15.255	225	190774	51.983	ug/l	98
95) Naphthalene	15.390	128	510764	45.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	258732	50.776	ug/l	99

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

