

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070117.D
 Acq On : 18 Aug 2021 10:05
 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
 8/19/2021 6:16:21 PM

Quant Time: Aug 19 07:26:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	525339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	916781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	888471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	424560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	297136	48.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.180%		
35) Dibromofluoromethane	7.914	113	294895	49.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.580%		
50) Toluene-d8	10.338	98	1158920	50.306	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.626	95	389763	51.367	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	225859	44.060	ug/l	95
3) Chloromethane	2.209	50	334896	45.588	ug/l	99
4) Vinyl Chloride	2.344	62	362990	40.828	ug/l	97
5) Bromomethane	2.756	94	238848	48.870	ug/l	97
6) Chloroethane	2.915	64	243890	42.939	ug/l	98
7) Trichlorofluoromethane	3.267	101	466214	43.659	ug/l	94
8) Diethyl Ether	3.709	74	142754	46.713	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	302553	44.536	ug/l	100
10) Methyl Iodide	4.297	142	295411	47.559	ug/l	99
11) Tert butyl alcohol	5.220	59	79903	233.963	ug/l	98
12) 1,1-Dichloroethene	4.067	96	279559	44.792	ug/l	97
13) Acrolein	3.920	56	93892	238.676	ug/l	100
14) Allyl chloride	4.709	41	417064	44.785	ug/l	99
15) Acrylonitrile	5.420	53	349409	246.578	ug/l	99
16) Acetone	4.156	43	314526	276.326	ug/l	98
17) Carbon Disulfide	4.403	76	988789	43.819	ug/l	100
18) Methyl Acetate	4.714	43	159624	47.037	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	629689	48.613	ug/l	97
20) Methylene Chloride	4.962	84	384878	49.538	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	337529	46.558	ug/l	97
22) Diisopropyl ether	6.361	45	969156	49.482	ug/l	99
23) Vinyl Acetate	6.303	43	2295198	258.574	ug/l	100
24) 1,1-Dichloroethane	6.261	63	616609	46.014	ug/l	100
25) 2-Butanone	7.208	43	407738	262.155	ug/l	98
26) 2,2-Dichloropropane	7.208	77	487496	46.723	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	366083	47.549	ug/l	99
28) Bromochloromethane	7.550	49	241584	49.541	ug/l	98
29) Tetrahydrofuran	7.561	42	262632	257.877	ug/l	99
30) Chloroform	7.708	83	612349	46.465	ug/l	96
31) Cyclohexane	7.985	56	544874	44.553	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	509671	46.280	ug/l	98
36) 1,1-Dichloropropene	8.108	75	480967	48.766	ug/l	99
37) Ethyl Acetate	7.291	43	186357	52.021	ug/l	97
38) Carbon Tetrachloride	8.091	117	441265	49.282	ug/l	98
39) Methylcyclohexane	9.350	83	568442	49.503	ug/l	99
40) Benzene	8.350	78	1382622	48.332	ug/l	99

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41) Methacrylonitrile	7.514	41	97583	50.384	ug/l	96
42) 1,2-Dichloroethane	8.420	62	364076	49.660	ug/l	98
43) Isopropyl Acetate	8.450	43	335978	50.236	ug/l	99
44) Trichloroethene	9.108	130	336889	48.751	ug/l	100
45) 1,2-Dichloropropane	9.379	63	368466	49.588	ug/l	100
46) Dibromomethane	9.473	93	185298	51.342	ug/l	97
47) Bromodichloromethane	9.655	83	472686	50.623	ug/l	98
48) Methyl methacrylate	9.455	41	169160	53.040	ug/l	98
49) 1,4-Dioxane	9.455	88	43393	1104.808	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	933010	268.297	ug/l	99
52) Toluene	10.397	92	877017	50.369	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	410884	49.679	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	482998	48.114	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	255651	49.995	ug/l	95
56) Ethyl methacrylate	10.655	69	307847	52.902	ug/l	98
57) 1,3-Dichloropropane	10.944	76	450246	50.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	853570	278.108	ug/l	100
59) 2-Hexanone	10.979	43	660477	283.598	ug/l	99
60) Dibromochloromethane	11.132	129	296322	50.585	ug/l	99
61) 1,2-Dibromoethane	11.238	107	240199	51.886	ug/l	98
64) Tetrachloroethene	10.873	164	269468	47.013	ug/l	98
65) Chlorobenzene	11.661	112	897123	48.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	317726	48.196	ug/l	100
67) Ethyl Benzene	11.738	91	1633966	49.784	ug/l	100
68) m/p-Xylenes	11.844	106	1277281	100.420	ug/l	98
69) o-Xylene	12.173	106	576909	50.268	ug/l	99
70) Styrene	12.185	104	1036546	51.568	ug/l	99
71) Bromoform	12.355	173	166326	51.785	ug/l #	99
73) Isopropylbenzene	12.473	105	1519840	49.090	ug/l	99
74) N-amyl acetate	12.279	43	334341	50.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	301930	48.876	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	200614m	46.594	ug/l	
77) Bromobenzene	12.755	156	336427	48.958	ug/l	99
78) n-propylbenzene	12.814	91	1965166	49.218	ug/l	100
79) 2-Chlorotoluene	12.896	91	1102840	48.009	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1316971	49.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	81708	49.257	ug/l	92
82) 4-Chlorotoluene	12.996	91	1161595	48.292	ug/l	99
83) tert-Butylbenzene	13.214	119	1054080	49.202	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1328955	50.829	ug/l	98
85) sec-Butylbenzene	13.390	105	1698393	49.481	ug/l	99
86) p-Isopropyltoluene	13.508	119	1382340	49.849	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	694668	47.579	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	681528	47.128	ug/l	99
89) n-Butylbenzene	13.832	91	1361171	50.021	ug/l	99
90) Hexachloroethane	14.096	117	273286	46.701	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	615493	49.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	44458	48.181	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	339050	48.734	ug/l	99
94) Hexachlorobutadiene	15.249	225	197205	47.985	ug/l	98
95) Naphthalene	15.384	128	637343	50.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	298068	49.079	ug/l	100

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

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