

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061121\
 Data File : VD069416.D
 Acq On : 11 Jun 2021 13:20
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061121

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 10:56:45 AM

Quant Time: Jun 12 06:04:13 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	402990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	624269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	225129	49.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.040%		
35) Dibromofluoromethane	7.914	113	243901	49.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.240%		
50) Toluene-d8	10.338	98	923146	51.352	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.700%		
62) 4-Bromofluorobenzene	12.626	95	298459	51.743	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	204541	50.945	ug/l	99
3) Chloromethane	2.209	50	195750	48.739	ug/l	97
4) Vinyl Chloride	2.350	62	241207	49.656	ug/l	98
5) Bromomethane	2.768	94	195251	53.066	ug/l	98
6) Chloroethane	2.920	64	165203	49.433	ug/l	98
7) Trichlorofluoromethane	3.273	101	395700	49.804	ug/l	98
8) Diethyl Ether	3.709	74	103582	51.929	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	237386	50.243	ug/l	99
10) Methyl Iodide	4.297	142	229662	47.292	ug/l	100
11) Tert butyl alcohol	5.209	59	54273	229.619	ug/l	99
12) 1,1-Dichloroethene	4.067	96	217495	50.888	ug/l	93
13) Acrolein	3.920	56	73504	249.454	ug/l	97
14) Allyl chloride	4.714	41	268838	53.481	ug/l	99
15) Acrylonitrile	5.420	53	199987	260.945	ug/l	99
16) Acetone	4.156	43	161087	214.061	ug/l	97
17) Carbon Disulfide	4.409	76	726729	52.566	ug/l	99
18) Methyl Acetate	4.714	43	91493	49.954	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	434330	55.738	ug/l	97
20) Methylene Chloride	4.967	84	291588	53.460	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	265229	53.002	ug/l	98
22) Diisopropyl ether	6.361	45	553832	55.413	ug/l	93
23) Vinyl Acetate	6.309	43	1656982	257.264	ug/l	98
24) 1,1-Dichloroethane	6.267	63	434153	52.180	ug/l	98
25) 2-Butanone	7.214	43	238877	254.568	ug/l	94
26) 2,2-Dichloropropane	7.208	77	375093	51.166	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	284842	52.587	ug/l	99
28) Bromochloromethane	7.544	49	165280	54.225	ug/l	95
29) Tetrahydrofuran	7.561	42	144439	273.523	ug/l	99
30) Chloroform	7.708	83	479284	51.700	ug/l	95
31) Cyclohexane	7.985	56	312438	50.573	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	424138	52.079	ug/l	98
36) 1,1-Dichloropropene	8.108	75	352615	51.603	ug/l	100
37) Ethyl Acetate	7.291	43	117669	51.471	ug/l	100
38) Carbon Tetrachloride	8.097	117	371088	50.133	ug/l	94
39) Methylcyclohexane	9.355	83	371795	54.094	ug/l	94
40) Benzene	8.350	78	1024978	51.537	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	56438	49.623	ug/l	94
42) 1,2-Dichloroethane	8.426	62	275751	50.530	ug/l	99
43) Isopropyl Acetate	8.450	43	220552	51.021	ug/l	98
44) Trichloroethene	9.114	130	283800	51.167	ug/l	95
45) 1,2-Dichloropropane	9.385	63	247876	51.057	ug/l	100
46) Dibromomethane	9.473	93	141140	50.737	ug/l	96
47) Bromodichloromethane	9.661	83	362122	50.491	ug/l	94
48) Methyl methacrylate	9.455	41	112538	57.246	ug/l	97
49) 1,4-Dioxane	9.461	88	29053	1072.477	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	581535	263.678	ug/l	100
52) Toluene	10.402	92	674518	53.414	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	318294	51.812	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	376689	51.009	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	196477	51.097	ug/l	98
56) Ethyl methacrylate	10.661	69	215658	49.164	ug/l	99
57) 1,3-Dichloropropane	10.944	76	323167	51.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	531551	240.906	ug/l	99
59) 2-Hexanone	10.979	43	390416	265.197	ug/l	100
60) Dibromochloromethane	11.138	129	248301	50.668	ug/l	98
61) 1,2-Dibromoethane	11.244	107	187505	50.764	ug/l	99
64) Tetrachloroethene	10.873	164	237886	49.272	ug/l	98
65) Chlorobenzene	11.667	112	717219	52.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	264738	50.232	ug/l	98
67) Ethyl Benzene	11.744	91	1261613	54.787	ug/l	99
68) m/p-Xylenes	11.849	106	1004795	109.849	ug/l	99
69) o-Xylene	12.179	106	456188	56.363	ug/l	98
70) Styrene	12.191	104	803806	56.443	ug/l	99
71) Bromoform	12.355	173	141070	51.703	ug/l #	99
73) Isopropylbenzene	12.473	105	1206783	56.107	ug/l	100
74) N-amyl acetate	12.285	43	212078	54.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	211820	51.294	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	126966m	40.935	ug/l	
77) Bromobenzene	12.755	156	283720	52.611	ug/l	99
78) n-propylbenzene	12.814	91	1480112	56.075	ug/l	100
79) 2-Chlorotoluene	12.902	91	821995	54.785	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1042303	57.484	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	62438	53.704	ug/l	95
82) 4-Chlorotoluene	12.996	91	878012	54.985	ug/l	100
83) tert-Butylbenzene	13.220	119	866697	56.147	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1041187	57.435	ug/l	99
85) sec-Butylbenzene	13.396	105	1259065	55.483	ug/l	100
86) p-Isopropyltoluene	13.508	119	1112494	56.431	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	568741	52.661	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	559349	51.994	ug/l	98
89) n-Butylbenzene	13.838	91	1031067	56.221	ug/l	100
90) Hexachloroethane	14.102	117	198458	51.718	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	495994	52.640	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	31912	51.314	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	302743	55.218	ug/l	99
94) Hexachlorobutadiene	15.261	225	178273	52.000	ug/l	95
95) Naphthalene	15.390	128	523934	49.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	269395	56.594	ug/l	99

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

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