

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050421\
 Data File : VD069060.D
 Acq On : 04 May 2021 11:35
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:32:04 PM

Quant Time: May 05 03:46:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 03:42:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	238895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	391602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	385989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	190625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	294196	95.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 191.10%#			
35) Dibromofluoromethane	7.914	113	272206	101.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 202.72%#			
50) Toluene-d8	10.338	98	1059173	106.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 213.66%#			
62) 4-Bromofluorobenzene	12.626	95	348015	106.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 213.44%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	274177	94.37	ug/l	99
3) Chloromethane	2.209	50	322056	90.07	ug/l	96
4) Vinyl Chloride	2.344	62	449451	95.05	ug/l	97
5) Bromomethane	2.744	94	252967	89.92	ug/l	97
6) Chloroethane	2.903	64	211155	76.80	ug/l	98
7) Trichlorofluoromethane	3.262	101	525674	101.24	ug/l	96
8) Diethyl Ether	3.709	74	124748	98.90	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	263864	94.90	ug/l	98
10) Methyl Iodide	4.297	142	262605	120.15	ug/l	99
11) Tert butyl alcohol	5.226	59	83625	291.05	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	247882	99.02	ug/l	96
13) Acrolein	3.914	56	80922	438.61	ug/l	98
14) Allyl chloride	4.714	41	334130	103.57	ug/l	98
15) Acrylonitrile	5.420	53	273618	499.03	ug/l	99
16) Acetone	4.156	43	218335	444.04	ug/l	98
17) Carbon Disulfide	4.403	76	809371	95.63	ug/l	98
18) Methyl Acetate	4.720	43	119480	99.64	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	604617	105.66	ug/l	99
20) Methylene Chloride	4.962	84	286256	75.47	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	297324	99.96	ug/l	98
22) Diisopropyl ether	6.361	45	753889	104.70	ug/l	98
23) Vinyl Acetate	6.303	43	2297842	570.48	ug/l	98
24) 1,1-Dichloroethane	6.261	63	493249	96.99	ug/l	100
25) 2-Butanone	7.214	43	329466	500.55	ug/l	93
26) 2,2-Dichloropropane	7.208	77	460883	97.02	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	321576	100.17	ug/l	97
28) Bromochloromethane	7.544	49	197292	96.09	ug/l	99
29) Tetrahydrofuran	7.561	42	209538	517.51	ug/l	98
30) Chloroform	7.708	83	539182	94.78	ug/l	97
31) Cyclohexane	7.979	56	428822	96.03	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	498434	95.95	ug/l	99
36) 1,1-Dichloropropene	8.108	75	425817	103.34	ug/l	99
37) Ethyl Acetate	7.297	43	160994	103.65	ug/l	99
38) Carbon Tetrachloride	8.097	117	452517	101.27	ug/l	97
39) Methylcyclohexane	9.350	83	502196	111.47	ug/l	97
40) Benzene	8.350	78	1160931	101.84	ug/l	96

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41) Methacrylonitrile	7.526	41	88821m	96.38	ug/l	
42) 1,2-Dichloroethane	8.426	62	351939	98.76	ug/l	100
43) Isopropyl Acetate	8.450	43	307090	105.44	ug/l	99
44) Trichloroethene	9.108	130	302361	99.76	ug/l	98
45) 1,2-Dichloropropane	9.385	63	280800	100.04	ug/l	100
46) Dibromomethane	9.473	93	161515	100.11	ug/l	98
47) Bromodichloromethane	9.661	83	428540	101.02	ug/l	99
48) Methyl methacrylate	9.455	41	158225	110.19	ug/l	97
49) 1,4-Dioxane	9.461	88	38571	2067.63	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	800951	537.24	ug/l	99
52) Toluene	10.402	92	762498	105.39	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	389862	105.76	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	455874	104.59	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	216000	100.82	ug/l	92
56) Ethyl methacrylate	10.661	69	267655	115.85	ug/l	100
57) 1,3-Dichloropropane	10.944	76	367862	101.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	673003	542.48	ug/l	100
59) 2-Hexanone	10.985	43	554740	551.29	ug/l	99
60) Dibromochloromethane	11.138	129	287413	100.82	ug/l	100
61) 1,2-Dibromoethane	11.244	107	212999	102.42	ug/l	97
64) Tetrachloroethene	10.873	164	248256	99.79	ug/l	93
65) Chlorobenzene	11.667	112	797253	101.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	301862	101.26	ug/l	98
67) Ethyl Benzene	11.743	91	1522606	109.02	ug/l	99
68) m/p-Xylenes	11.849	106	1150143	219.00	ug/l	99
69) o-Xylene	12.179	106	529120	112.38	ug/l	100
70) Styrene	12.191	104	924376	111.17	ug/l	100
71) Bromoform	12.355	173	155378	101.69	ug/l #	100
73) Isopropylbenzene	12.479	105	1449311	109.85	ug/l	100
74) N-amyl acetate	12.285	43	309458	111.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	259282	100.24	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	159625m	99.75	ug/l	
77) Bromobenzene	12.755	156	310709	101.72	ug/l	99
78) n-propylbenzene	12.814	91	1763135	108.78	ug/l	99
79) 2-Chlorotoluene	12.902	91	949464	105.04	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1224264	109.00	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	77882	102.12	ug/l	96
82) 4-Chlorotoluene	13.002	91	1007564	104.12	ug/l	98
83) tert-Butylbenzene	13.220	119	1024008	111.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1247113	111.12	ug/l	99
85) sec-Butylbenzene	13.396	105	1456193	109.90	ug/l	100
86) p-Isopropyltoluene	13.508	119	1361775	111.35	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	631817	103.07	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	613564	101.55	ug/l	98
89) n-Butylbenzene	13.838	91	1299948	112.02	ug/l	100
90) Hexachloroethane	14.102	117	253763	100.94	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	538015	100.94	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	41383	97.26	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	334233	105.71	ug/l	99
94) Hexachlorobutadiene	15.261	225	187087	102.17	ug/l	98
95) Naphthalene	15.390	128	664225	113.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	297544	108.95	ug/l	99

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

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