

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050421\
 Data File : VD069059.D
 Acq On : 04 May 2021 11:06
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:32:02 PM

Quant Time: May 05 03:45:54 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	222681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	375977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	361787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	182102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145439	50.68	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.36%			
35) Dibromofluoromethane	7.914	113	129392	50.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.36%			
50) Toluene-d8	10.338	98	496478	52.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.32%			
62) 4-Bromofluorobenzene	12.626	95	161138	51.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.94%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	131561	48.58	ug/l	100
3) Chloromethane	2.209	50	161327	48.40	ug/l	100
4) Vinyl Chloride	2.344	62	213057	48.34	ug/l	100
5) Bromomethane	2.756	94	122700	46.79	ug/l	100
6) Chloroethane	2.915	64	130472	50.91	ug/l	100
7) Trichlorofluoromethane	3.262	101	236434	48.85	ug/l	100
8) Diethyl Ether	3.709	74	59000	50.18	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	128235	49.48	ug/l	100
10) Methyl Iodide	4.291	142	115741	56.81	ug/l	100
11) Tert butyl alcohol	5.232	59	45349	169.33	ug/l	100
12) 1,1-Dichloroethene	4.062	96	118673	50.86	ug/l	100
13) Acrolein	3.920	56	41271	239.98	ug/l	100
14) Allyl chloride	4.715	41	154671	51.43	ug/l	100
15) Acrylonitrile	5.420	53	133019	260.27	ug/l	100
16) Acetone	4.162	43	108639	237.03	ug/l	100
17) Carbon Disulfide	4.403	76	386441	48.98	ug/l	100
18) Methyl Acetate	4.720	43	59421	53.16	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	282912	53.04	ug/l	100
20) Methylene Chloride	4.956	84	143284	40.53	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	138501	49.95	ug/l	100
22) Diisopropyl ether	6.362	45	353136	52.62	ug/l	100
23) Vinyl Acetate	6.309	43	1055621	281.16	ug/l	100
24) 1,1-Dichloroethane	6.262	63	238691	50.35	ug/l	100
25) 2-Butanone	7.214	43	161935	263.94	ug/l	100
26) 2,2-Dichloropropane	7.209	77	218176	49.27	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	153130	51.17	ug/l	100
28) Bromochloromethane	7.544	49	94939	49.61	ug/l	100
29) Tetrahydrofuran	7.561	42	101104	267.88	ug/l	100
30) Chloroform	7.708	83	262867	49.58	ug/l	100
31) Cyclohexane	7.985	56	205127	49.28	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	243245	50.24	ug/l	100
36) 1,1-Dichloropropene	8.108	75	201647	50.97	ug/l	100
37) Ethyl Acetate	7.297	43	77053	51.67	ug/l	100
38) Carbon Tetrachloride	8.091	117	212470	49.53	ug/l	100
39) Methylcyclohexane	9.355	83	234398	54.19	ug/l	100
40) Benzene	8.350	78	554871	50.70	ug/l	100

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41) Methacrylonitrile	7.544	41	48387m	54.69	ug/l	
42) 1,2-Dichloroethane	8.426	62	174274	50.94	ug/l	100
43) Isopropyl Acetate	8.450	43	145907	52.18	ug/l	100
44) Trichloroethene	9.114	130	145731	50.08	ug/l	100
45) 1,2-Dichloropropane	9.385	63	137080	50.87	ug/l	100
46) Dibromomethane	9.473	93	79088	51.06	ug/l	100
47) Bromodichloromethane	9.661	83	205825	50.54	ug/l	100
48) Methyl methacrylate	9.450	41	75224	54.57	ug/l	100
49) 1,4-Dioxane	9.467	88	19600	1094.34	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	387962	271.04	ug/l	100
52) Toluene	10.402	92	360375	51.88	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	184546	52.14	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	211990	50.66	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	106681	51.86	ug/l	100
56) Ethyl methacrylate	10.661	69	122267	55.12	ug/l	100
57) 1,3-Dichloropropane	10.944	76	177803	51.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	320011	268.67	ug/l	100
59) 2-Hexanone	10.979	43	268178	277.58	ug/l	100
60) Dibromochloromethane	11.138	129	139322	50.90	ug/l	100
61) 1,2-Dibromoethane	11.244	107	100667	50.42	ug/l	100
64) Tetrachloroethene	10.873	164	122624	52.59	ug/l	100
65) Chlorobenzene	11.667	112	378012	51.20	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	143162	51.24	ug/l	100
67) Ethyl Benzene	11.744	91	695833	53.15	ug/l	100
68) m/p-Xylenes	11.849	106	528379	107.34	ug/l	100
69) o-Xylene	12.179	106	241680	54.77	ug/l	100
70) Styrene	12.191	104	424239	54.43	ug/l	100
71) Bromoform	12.355	173	75812	52.94	ug/l #	100
73) Isopropylbenzene	12.473	105	658857	52.27	ug/l	100
74) N-amyl acetate	12.285	43	140051	52.91	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.726	83	120083	48.60	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	77844m	50.92	ug/l	
77) Bromobenzene	12.755	156	147700	50.62	ug/l	100
78) n-propylbenzene	12.814	91	809767	52.30	ug/l	100
79) 2-Chlorotoluene	12.902	91	445896	51.64	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	561803	52.36	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	37464	51.42	ug/l	100
82) 4-Chlorotoluene	13.002	91	471924	51.05	ug/l	100
83) tert-Butylbenzene	13.220	119	464354	53.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	570627	53.23	ug/l	100
85) sec-Butylbenzene	13.396	105	661024	52.22	ug/l	100
86) p-Isopropyltoluene	13.508	119	621265	53.18	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	297792	50.85	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	283184	49.06	ug/l	100
89) n-Butylbenzene	13.838	91	590355	53.25	ug/l	100
90) Hexachloroethane	14.102	117	120383	50.13	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	256619	50.40	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	20063	49.36	ug/l	100
93) 1,2,4-Trichlorobenzene	15.155	180	155695	51.55	ug/l	100
94) Hexachlorobutadiene	15.261	225	89302	51.05	ug/l	100
95) Naphthalene	15.390	128	310008	55.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	139468	53.46	ug/l	100

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

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