

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069129.D
 Acq On : 10 May 2021 18:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 10:36:30 AM

Quant Time: May 11 01:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	267517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	444557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	435997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153527	44.53	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.06%		
35) Dibromofluoromethane	7.914	113	159066	52.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.36%		
50) Toluene-d8	10.338	98	584691	51.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.90%		
62) 4-Bromofluorobenzene	12.626	95	192923	52.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.22%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	132009	40.57	ug/l	93
3) Chloromethane	2.209	50	166521	41.59	ug/l	97
4) Vinyl Chloride	2.350	62	216389	40.87	ug/l	94
5) Bromomethane	2.762	94	160052	50.80	ug/l	100
6) Chloroethane	2.920	64	149457	48.54	ug/l	97
7) Trichlorofluoromethane	3.273	101	266056	45.76	ug/l	98
8) Diethyl Ether	3.709	74	68594	48.56	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	144659	46.46	ug/l	95
10) Methyl Iodide	4.303	142	147599	52.40	ug/l	93
11) Tert butyl alcohol	5.226	59	42015	175.88	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	139585	49.79	ug/l	97
13) Acrolein	3.926	56	47234	228.62	ug/l	99
14) Allyl chloride	4.720	41	158686	43.93	ug/l	92
15) Acrylonitrile	5.426	53	142990	232.88	ug/l	98
16) Acetone	4.162	43	96114	192.86	ug/l	97
17) Carbon Disulfide	4.409	76	429243	45.29	ug/l	99
18) Methyl Acetate	4.720	43	59837	44.56	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	326706	50.99	ug/l	97
20) Methylene Chloride	4.967	84	195311	59.03	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	171397	51.46	ug/l	92
22) Diisopropyl ether	6.367	45	379905	47.12	ug/l	95
23) Vinyl Acetate	6.309	43	1054847	228.82	ug/l	95
24) 1,1-Dichloroethane	6.267	63	270125	47.43	ug/l	97
25) 2-Butanone	7.214	43	155504	210.98	ug/l	91
26) 2,2-Dichloropropane	7.208	77	236589	44.47	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	192256	53.48	ug/l	92
28) Bromochloromethane	7.550	49	105742	45.99	ug/l	84
29) Tetrahydrofuran	7.567	42	99946	220.43	ug/l	91
30) Chloroform	7.708	83	309830	48.64	ug/l	95
31) Cyclohexane	7.985	56	205493	41.09	ug/l	91
32) 1,1,1-Trichloroethane	7.908	97	271180	46.62	ug/l	98
36) 1,1-Dichloropropene	8.114	75	223427	47.77	ug/l	97
37) Ethyl Acetate	7.297	43	73465	41.66	ug/l #	96
38) Carbon Tetrachloride	8.097	117	239750	47.26	ug/l	100
39) Methylcyclohexane	9.355	83	256422	50.14	ug/l	95
40) Benzene	8.350	78	668437	51.65	ug/l	97

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41) Methacrylonitrile	7.532	41	46789m	45.76	ug/l	
42) 1,2-Dichloroethane	8.426	62	186500	46.10	ug/l	95
43) Isopropyl Acetate	8.450	43	146485	44.30	ug/l	93
44) Trichloroethene	9.114	130	183264	53.27	ug/l	100
45) 1,2-Dichloropropane	9.391	63	157738	49.50	ug/l	100
46) Dibromomethane	9.473	93	97358	53.16	ug/l	96
47) Bromodichloromethane	9.661	83	246566	51.20	ug/l	98
48) Methyl methacrylate	9.455	41	67338	41.31	ug/l #	83
49) 1,4-Dioxane	9.461	88	21304	1005.98	ug/l #	92
51) 4-Methyl-2-Pentanone	10.226	43	380435	224.78	ug/l	94
52) Toluene	10.402	92	440714	53.66	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	218710	52.26	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	256561	51.85	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	131917	54.24	ug/l	96
56) Ethyl methacrylate	10.661	69	141456	48.38	ug/l	90
57) 1,3-Dichloropropane	10.944	76	212800	51.91	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	366408	260.16	ug/l	98
59) 2-Hexanone	10.985	43	252254	220.82	ug/l	90
60) Dibromochloromethane	11.138	129	171766	53.07	ug/l	100
61) 1,2-Dibromoethane	11.244	107	129380	54.80	ug/l	96
64) Tetrachloroethene	10.879	164	151191	53.80	ug/l	98
65) Chlorobenzene	11.667	112	475705	53.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	180631	53.64	ug/l	98
67) Ethyl Benzene	11.744	91	832417	52.76	ug/l	100
68) m/p-Xylenes	11.849	106	651258	109.79	ug/l	95
69) o-Xylene	12.179	106	300117	56.43	ug/l	96
70) Styrene	12.191	104	526836	56.09	ug/l	98
71) Bromoform	12.355	173	95119	55.11	ug/l #	100
73) Isopropylbenzene	12.479	105	795881	50.90	ug/l	99
74) N-amyl acetate	12.285	43	136119	41.46	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	141509	46.16	ug/l	95
76) 1,2,3-Trichloropropane	12.779	75	91001m	46.28	ug/l	
77) Bromobenzene	12.755	156	193073	53.34	ug/l	90
78) n-propylbenzene	12.814	91	948070	49.36	ug/l	99
79) 2-Chlorotoluene	12.902	91	529691	49.45	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	670720	50.39	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	40328	44.62	ug/l	91
82) 4-Chlorotoluene	13.002	91	565592	49.32	ug/l	99
83) tert-Butylbenzene	13.220	119	558073	51.45	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	678667	51.03	ug/l	99
85) sec-Butylbenzene	13.396	105	788897	50.24	ug/l	100
86) p-Isopropyltoluene	13.508	119	732396	50.54	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	374817	51.60	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	366848	51.24	ug/l	98
89) n-Butylbenzene	13.838	91	666174	48.44	ug/l	98
90) Hexachloroethane	14.102	117	143116	48.04	ug/l	90
91) 1,2-Dichlorobenzene	13.885	146	321949	50.97	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21963	43.56	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	200695	53.56	ug/l	98
94) Hexachlorobutadiene	15.261	225	110584	50.96	ug/l	98
95) Naphthalene	15.396	128	362547	47.30	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	176171	54.44	ug/l	97

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

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