

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068042.D
 Acq On : 07 Jan 2021 18:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 2:32:05 PM

Quant Time: Jan 08 00:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	252464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	431606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	404325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	191385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135010	49.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.04%		
35) Dibromofluoromethane	7.920	113	136620	50.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.48%		
50) Toluene-d8	10.338	98	488097	47.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.50%		
62) 4-Bromofluorobenzene	12.632	95	171470	49.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	130425	50.72	ug/l	94
3) Chloromethane	2.209	50	150408	42.78	ug/l	99
4) Vinyl Chloride	2.350	62	149369	45.60	ug/l	92
5) Bromomethane	2.773	94	102483	49.46	ug/l	91
6) Chloroethane	2.926	64	90666	45.03	ug/l	96
7) Trichlorofluoromethane	3.273	101	242287	50.19	ug/l	99
8) Diethyl Ether	3.715	74	73055	52.78	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	142540	49.53	ug/l	100
10) Methyl Iodide	4.303	142	135147	46.34	ug/l	99
11) Tert butyl alcohol	5.226	59	42830	277.99	ug/l	100
12) 1,1-Dichloroethene	4.073	96	139940	50.70	ug/l	92
13) Acrolein	3.926	56	31217	160.90	ug/l	97
14) Allyl chloride	4.715	41	231300	47.13	ug/l	95
15) Acrylonitrile	5.426	53	178805	269.83	ug/l	98
16) Acetone	4.156	43	134202	257.83	ug/l	93
17) Carbon Disulfide	4.409	76	448327	46.61	ug/l	99
18) Methyl Acetate	4.715	43	79586	51.74	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	322051	56.12	ug/l	99
20) Methylene Chloride	4.967	84	191932	58.24	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	167490	50.77	ug/l	94
22) Diisopropyl ether	6.367	45	505520	51.14	ug/l	97
23) Vinyl Acetate	6.309	43	1361455	270.96	ug/l	98
24) 1,1-Dichloroethane	6.267	63	298102	49.82	ug/l	96
25) 2-Butanone	7.214	43	207529	270.36	ug/l	95
26) 2,2-Dichloropropane	7.208	77	236165	50.09	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	181656	51.55	ug/l	98
28) Bromochloromethane	7.550	49	116814	51.78	ug/l	94
29) Tetrahydrofuran	7.567	42	143011	275.42	ug/l	97
30) Chloroform	7.714	83	300500	51.27	ug/l	97
31) Cyclohexane	7.985	56	248443	44.58	ug/l	89
32) 1,1,1-Trichloroethane	7.903	97	255731	50.94	ug/l	98
36) 1,1-Dichloropropene	8.114	75	224252	48.88	ug/l	98
37) Ethyl Acetate	7.297	43	96034	51.74	ug/l	98
38) Carbon Tetrachloride	8.097	117	219362	50.06	ug/l	99
39) Methylcyclohexane	9.361	83	260023	49.44	ug/l	95
40) Benzene	8.355	78	662331	49.77	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	56705m	54.27	ug/l	
42) 1,2-Dichloroethane	8.426	62	184627	51.45	ug/l	98
43) Isopropyl Acetate	8.450	43	184154	54.05	ug/l	98
44) Trichloroethene	9.114	130	170393	51.08	ug/l	94
45) 1,2-Dichloropropane	9.391	63	171346	50.58	ug/l	95
46) Dibromomethane	9.479	93	89816	54.54	ug/l	96
47) Bromodichloromethane	9.661	83	231010	52.00	ug/l	98
48) Methyl methacrylate	9.461	41	97718	55.50	ug/l	98
49) 1,4-Dioxane	9.461	88	19094	1061.93	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	485725	275.31	ug/l	97
52) Toluene	10.402	92	422861	51.48	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	219831	54.71	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	261022	52.50	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	122781	53.35	ug/l	92
56) Ethyl methacrylate	10.661	69	149139	57.68	ug/l	95
57) 1,3-Dichloropropane	10.949	76	217913	53.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	390290	299.93	ug/l	100
59) 2-Hexanone	10.985	43	335154	289.07	ug/l	98
60) Dibromochloromethane	11.144	129	155827	54.66	ug/l	99
61) 1,2-Dibromoethane	11.249	107	118774	53.79	ug/l	99
64) Tetrachloroethene	10.879	164	136633	48.17	ug/l	96
65) Chlorobenzene	11.673	112	435832	49.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	159550	51.25	ug/l	99
67) Ethyl Benzene	11.744	91	796185	51.18	ug/l	99
68) m/p-Xylenes	11.855	106	606331	102.28	ug/l	99
69) o-Xylene	12.179	106	272481	51.37	ug/l	98
70) Styrene	12.196	104	481548	52.54	ug/l	99
71) Bromoform	12.361	173	84716	53.83	ug/l #	99
73) Isopropylbenzene	12.479	105	740220	52.11	ug/l	100
74) N-amyl acetate	12.291	43	172788	53.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	142028	53.89	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	83090m	51.57	ug/l	
77) Bromobenzene	12.761	156	169361	52.13	ug/l	97
78) n-propylbenzene	12.820	91	913664	51.74	ug/l	100
79) 2-Chlorotoluene	12.908	91	507814	50.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	623592	52.86	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	42887	54.56	ug/l	97
82) 4-Chlorotoluene	13.008	91	549004	52.36	ug/l	99
83) tert-Butylbenzene	13.226	119	519569	53.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	625297	52.85	ug/l	100
85) sec-Butylbenzene	13.402	105	737940	51.97	ug/l	100
86) p-Isopropyltoluene	13.514	119	663092	53.07	ug/l	97
87) 1,3-Dichlorobenzene	13.514	146	322303	49.89	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	326009	51.10	ug/l	100
89) n-Butylbenzene	13.843	91	648440	52.32	ug/l	99
90) Hexachloroethane	14.108	117	126005	49.35	ug/l	100
91) 1,2-Dichlorobenzene	13.890	146	283862	52.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21338	51.72	ug/l	98
93) 1,2,4-Trichlorobenzene	15.161	180	176078	54.52	ug/l	97
94) Hexachlorobutadiene	15.267	225	94148	49.82	ug/l	98
95) Naphthalene	15.396	128	324235	56.81	ug/l	98
96) 1,2,3-Trichlorobenzene	15.596	180	151209	54.19	ug/l	95

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

