

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068578.D
 Acq On : 11 Mar 2021 10:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:01:21 PM

Quant Time: Mar 12 00:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	307158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	506987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	463583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	222730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	134656	43.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.76%		
35) Dibromofluoromethane	7.914	113	145738	47.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.44%		
50) Toluene-d8	10.344	98	568387	46.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.44%		
62) 4-Bromofluorobenzene	12.632	95	187843	47.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.82%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	137257	46.05	ug/l	98
3) Chloromethane	2.209	50	173179	45.97	ug/l	98
4) Vinyl Chloride	2.350	62	214314	47.91	ug/l	95
5) Bromomethane	2.768	94	138208	43.39	ug/l	99
6) Chloroethane	2.920	64	134353	46.45	ug/l	95
7) Trichlorofluoromethane	3.273	101	247479	48.50	ug/l	94
8) Diethyl Ether	3.709	74	69255	45.59	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	151493	48.73	ug/l	93
10) Methyl Iodide	4.303	142	148020	40.35	ug/l	95
11) Tert butyl alcohol	5.226	59	43283	264.15	ug/l	99
12) 1,1-Dichloroethene	4.073	96	147800	47.91	ug/l	99
13) Acrolein	3.926	56	48506	207.12	ug/l	99
14) Allyl chloride	4.720	41	183921	46.18	ug/l	98
15) Acrylonitrile	5.426	53	165048	257.41	ug/l	99
16) Acetone	4.162	43	140479	288.18	ug/l	100
17) Carbon Disulfide	4.409	76	455434	45.07	ug/l	99
18) Methyl Acetate	4.720	43	61900	49.27	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	360068	53.84	ug/l	92
20) Methylene Chloride	4.962	84	175172	47.88	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	191924	52.11	ug/l	96
22) Diisopropyl ether	6.367	45	407631	46.48	ug/l	93
23) Vinyl Acetate	6.309	43	1080347	237.41	ug/l	99
24) 1,1-Dichloroethane	6.267	63	281221	46.78	ug/l	99
25) 2-Butanone	7.214	43	171438	244.66	ug/l	97
26) 2,2-Dichloropropane	7.208	77	256182	51.15	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	187719	46.43	ug/l	95
28) Bromochloromethane	7.550	49	110106	46.92	ug/l	83
29) Tetrahydrofuran	7.561	42	107255	235.72	ug/l	97
30) Chloroform	7.708	83	298226	46.97	ug/l	97
31) Cyclohexane	7.985	56	246878	44.23	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	265001	48.90	ug/l	97
36) 1,1-Dichloropropene	8.114	75	236224	49.02	ug/l	98
37) Ethyl Acetate	7.291	43	74955	46.88	ug/l	96
38) Carbon Tetrachloride	8.097	117	231172	51.05	ug/l	98
39) Methylcyclohexane	9.355	83	294883	49.61	ug/l	98
40) Benzene	8.350	78	670107	48.47	ug/l	94

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41) Methacrylonitrile	7.544	41	49942m	53.81	ug/l	
42) 1,2-Dichloroethane	8.426	62	174657	48.05	ug/l	99
43) Isopropyl Acetate	8.450	43	149671	50.93	ug/l	99
44) Trichloroethene	9.114	130	183671	48.40	ug/l	98
45) 1,2-Dichloropropane	9.391	63	165274	50.01	ug/l	96
46) Dibromomethane	9.473	93	87294	48.56	ug/l	95
47) Bromodichloromethane	9.661	83	229896	49.44	ug/l	99
48) Methyl methacrylate	9.455	41	76331	48.73	ug/l	96
49) 1,4-Dioxane	9.461	88	20255	987.92	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	384094	249.77	ug/l	99
52) Toluene	10.402	92	435967	49.39	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	215865	50.22	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	255334	48.69	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	122688	49.31	ug/l	97
56) Ethyl methacrylate	10.661	69	142725	49.91	ug/l	97
57) 1,3-Dichloropropane	10.949	76	208203	47.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	351546	245.03	ug/l	93
59) 2-Hexanone	10.985	43	276064	269.33	ug/l	99
60) Dibromochloromethane	11.138	129	152507	49.52	ug/l	99
61) 1,2-Dibromoethane	11.249	107	117626	48.31	ug/l	99
64) Tetrachloroethene	10.879	164	152834	50.49	ug/l	95
65) Chlorobenzene	11.667	112	461963	48.93	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	166365	50.69	ug/l	99
67) Ethyl Benzene	11.744	91	837394	49.69	ug/l	99
68) m/p-Xylenes	11.855	106	642342	100.36	ug/l	99
69) o-Xylene	12.179	106	297949	50.55	ug/l	94
70) Styrene	12.196	104	512553	50.85	ug/l	99
71) Bromoform	12.361	173	84263	50.54	ug/l #	98
73) Isopropylbenzene	12.479	105	805592	48.77	ug/l	99
74) N-amyl acetate	12.285	43	140760	50.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	136186	47.92	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	91980m	46.52	ug/l	
77) Bromobenzene	12.761	156	181587	48.17	ug/l	94
78) n-propylbenzene	12.820	91	976878	49.49	ug/l	98
79) 2-Chlorotoluene	12.908	91	529918	48.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	674634	49.83	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	43771	51.66	ug/l	94
82) 4-Chlorotoluene	13.002	91	557234	48.34	ug/l	99
83) tert-Butylbenzene	13.220	119	561152	48.68	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	672927	49.63	ug/l	99
85) sec-Butylbenzene	13.396	105	822169	50.49	ug/l	98
86) p-Isopropyltoluene	13.514	119	749265	50.69	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	357609	49.11	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	348286	48.28	ug/l	98
89) n-Butylbenzene	13.838	91	722427	50.67	ug/l	98
90) Hexachloroethane	14.108	117	150475	51.22	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	300971	48.20	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	23815	47.54	ug/l	89
93) 1,2,4-Trichlorobenzene	15.155	180	242356	50.24	ug/l	100
94) Hexachlorobutadiene	15.261	225	141371	52.81	ug/l	97
95) Naphthalene	15.396	128	429200	49.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	204437	48.96	ug/l	100

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

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