

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
 Data File : VD068448.D
 Acq On : 25 Feb 2021 17:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 26 00:30:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	300716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	526216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	482638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	226417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	155377	50.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.08%
35) Dibromofluoromethane	7.914	113	158461	50.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.46%
50) Toluene-d8	10.343	98	640569	49.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.96%
62) 4-Bromofluorobenzene	12.631	95	210628	49.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.90%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	113124	41.05	ug/l	97
3) Chloromethane	2.208	50	135291	41.24	ug/l	96
4) Vinyl Chloride	2.350	62	169957	43.27	ug/l	96
5) Bromomethane	2.767	94	117548	41.87	ug/l	96
6) Chloroethane	2.926	64	113866	44.39	ug/l	97
7) Trichlorofluoromethane	3.273	101	210879	43.63	ug/l	95
8) Diethyl Ether	3.714	74	67615	47.63	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	133347	45.33	ug/l	94
10) Methyl Iodide	4.302	142	135007	48.87	ug/l	95
11) Tert butyl alcohol	5.220	59	40738	264.31	ug/l	100
12) 1,1-Dichloroethene	4.067	96	125703	43.95	ug/l	96
13) Acrolein	3.932	56	45153	256.19	ug/l	98
14) Allyl chloride	4.720	41	173660	46.70	ug/l	97
15) Acrylonitrile	5.426	53	165167	269.56	ug/l	99
16) Acetone	4.161	43	105163	221.72	ug/l #	84
17) Carbon Disulfide	4.414	76	340286	41.08	ug/l	99
18) Methyl Acetate	4.720	43	67125	51.57	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	359623	55.73	ug/l #	91
20) Methylene Chloride	4.967	84	166191	50.45	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	171972	51.95	ug/l	97
22) Diisopropyl ether	6.367	45	409631	49.78	ug/l	92
23) Vinyl Acetate	6.308	43	1052760	247.78	ug/l	100
24) 1,1-Dichloroethane	6.267	63	270434	48.03	ug/l	98
25) 2-Butanone	7.214	43	162092	244.42	ug/l	98
26) 2,2-Dichloropropane	7.214	77	222826	46.27	ug/l	99
27) cis-1,2-Dichloroethene	7.220	96	178673	47.49	ug/l	96
28) Bromochloromethane	7.549	49	124185	53.18	ug/l	82
29) Tetrahydrofuran	7.567	42	104168	242.84	ug/l	98
30) Chloroform	7.714	83	293667	50.14	ug/l	95
31) Cyclohexane	7.991	56	210855	45.94	ug/l	91
32) 1,1,1-Trichloroethane	7.908	97	239147	47.26	ug/l	95
36) 1,1-Dichloropropene	8.114	75	205776	44.20	ug/l	98
37) Ethyl Acetate	7.296	43	76657	48.73	ug/l	94
38) Carbon Tetrachloride	8.096	117	201010	45.27	ug/l	99
39) Methylcyclohexane	9.355	83	246617	43.19	ug/l	100
40) Benzene	8.355	78	617155	46.48	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	49746m	54.94	ug/l	
42) 1,2-Dichloroethane	8.426	62	169783	47.94	ug/l	99
43) Isopropyl Acetate	8.455	43	148305	49.23	ug/l	97
44) Trichloroethene	9.114	130	167221	46.28	ug/l	95
45) 1,2-Dichloropropane	9.390	63	156946	48.44	ug/l	97
46) Dibromomethane	9.479	93	86120	49.00	ug/l	90
47) Bromodichloromethane	9.667	83	221980	48.71	ug/l	96
48) Methyl methacrylate	9.461	41	68905	45.84	ug/l #	82
49) 1,4-Dioxane	9.461	88	20398	993.30	ug/l	95
51) 4-Methyl-2-Pentanone	10.232	43	390246	252.24	ug/l	99
52) Toluene	10.408	92	408950	47.90	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	209515	49.68	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	246714	47.88	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	122379	50.40	ug/l	95
56) Ethyl methacrylate	10.661	69	143848	49.93	ug/l	99
57) 1,3-Dichloropropane	10.943	76	207477	48.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	409928	265.72	ug/l	93
59) 2-Hexanone	10.984	43	262189	250.70	ug/l	100
60) Dibromochloromethane	11.143	129	149730	49.69	ug/l	100
61) 1,2-Dibromoethane	11.249	107	115244	49.11	ug/l	98
64) Tetrachloroethene	10.879	164	132744	44.70	ug/l	97
65) Chlorobenzene	11.673	112	438574	47.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	160708	49.63	ug/l	96
67) Ethyl Benzene	11.743	91	788906	47.41	ug/l	96
68) m/p-Xylenes	11.855	106	594817	94.59	ug/l	100
69) o-Xylene	12.179	106	279376	48.43	ug/l	96
70) Styrene	12.196	104	485419	48.37	ug/l	98
71) Bromoform	12.361	173	79998	48.09	ug/l #	100
73) Isopropylbenzene	12.479	105	766334	46.34	ug/l	99
74) N-amyl acetate	12.290	43	139309	47.70	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.731	83	134940	47.08	ug/l	98
76) 1,2,3-Trichloropropane	12.784	75	95840m	44.48	ug/l	
77) Bromobenzene	12.761	156	173768	47.03	ug/l	92
78) n-propylbenzene	12.820	91	902080	45.57	ug/l	98
79) 2-Chlorotoluene	12.908	91	502835	45.86	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	622443	46.06	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	41281	48.03	ug/l	97
82) 4-Chlorotoluene	13.002	91	534522	46.11	ug/l	98
83) tert-Butylbenzene	13.220	119	540730	46.12	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	634617	47.13	ug/l	98
85) sec-Butylbenzene	13.402	105	758432	46.26	ug/l	99
86) p-Isopropyltoluene	13.514	119	685092	46.54	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	338756	47.39	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	331712	46.64	ug/l	100
89) n-Butylbenzene	13.843	91	663673	46.20	ug/l	98
90) Hexachloroethane	14.108	117	133129	49.81	ug/l	91
91) 1,2-Dichlorobenzene	13.890	146	295704	47.71	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	23025	54.95	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	226996	55.92	ug/l	99
94) Hexachlorobutadiene	15.261	225	124800	55.89	ug/l	99
95) Naphthalene	15.396	128	437843	58.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	199724	56.40	ug/l	99

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

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