

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068021.D
 Acq On : 06 Jan 2021 18:38
 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
 1/7/2021 1:54:20 PM

Quant Time: Jan 07 00:12:41 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	258807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	457717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	432880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	202295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145775	52.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.32%			
35) Dibromofluoromethane	7.920	113	149589	51.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.74%			
50) Toluene-d8	10.343	98	538192	49.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.30%			
62) 4-Bromofluorobenzene	12.632	95	190978	51.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.00%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	134788	51.13	ug/l	99
3) Chloromethane	2.209	50	157984	43.84	ug/l	99
4) Vinyl Chloride	2.350	62	158374	47.16	ug/l	93
5) Bromomethane	2.767	94	107410	50.69	ug/l	92
6) Chloroethane	2.926	64	99443	48.18	ug/l	94
7) Trichlorofluoromethane	3.273	101	251323	50.78	ug/l	98
8) Diethyl Ether	3.714	74	74751	52.68	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	147571	50.02	ug/l	99
10) Methyl Iodide	4.303	142	157328	52.10	ug/l	97
11) Tert butyl alcohol	5.214	59	42301	265.16	ug/l	100
12) 1,1-Dichloroethene	4.073	96	142483	50.35	ug/l	92
13) Acrolein	3.926	56	52305	262.98	ug/l	96
14) Allyl chloride	4.720	41	253893	50.46	ug/l	98
15) Acrylonitrile	5.420	53	181150	266.66	ug/l	98
16) Acetone	4.161	43	142054	266.23	ug/l	95
17) Carbon Disulfide	4.408	76	465761	47.23	ug/l	97
18) Methyl Acetate	4.714	43	82150	52.09	ug/l #	75
19) Methyl tert-butyl Ether	5.473	73	330820	56.23	ug/l	96
20) Methylene Chloride	4.961	84	180371	52.66	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	171371	50.68	ug/l	96
22) Diisopropyl ether	6.361	45	531166	52.42	ug/l	96
23) Vinyl Acetate	6.308	43	1418272	275.35	ug/l	98
24) 1,1-Dichloroethane	6.267	63	314448	51.27	ug/l	97
25) 2-Butanone	7.208	43	208607	265.10	ug/l	97
26) 2,2-Dichloropropane	7.208	77	240548	49.77	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	186813	51.71	ug/l	98
28) Bromochloromethane	7.550	49	127467	55.12	ug/l	95
29) Tetrahydrofuran	7.561	42	142054	266.88	ug/l	97
30) Chloroform	7.714	83	313282	52.14	ug/l	100
31) Cyclohexane	7.985	56	261631	45.80	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	265335	51.55	ug/l	98
36) 1,1-Dichloropropene	8.114	75	235954	48.50	ug/l	100
37) Ethyl Acetate	7.297	43	99996	50.80	ug/l	98
38) Carbon Tetrachloride	8.097	117	234238	50.41	ug/l	99
39) Methylcyclohexane	9.355	83	266879	47.84	ug/l	97
40) Benzene	8.349	78	700285	49.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	50307	45.40	ug/l #	61
42) 1,2-Dichloroethane	8.426	62	194367	51.07	ug/l	99
43) Isopropyl Acetate	8.455	43	187886	52.00	ug/l	99
44) Trichloroethene	9.114	130	172780	48.84	ug/l	99
45) 1,2-Dichloropropane	9.391	63	181246	50.45	ug/l	91
46) Dibromomethane	9.479	93	93440	53.51	ug/l	96
47) Bromodichloromethane	9.667	83	241441	51.24	ug/l	99
48) Methyl methacrylate	9.461	41	98975	53.00	ug/l	97
49) 1,4-Dioxane	9.461	88	17939	940.77	ug/l	86
51) 4-Methyl-2-Pentanone	10.226	43	499573	267.01	ug/l	97
52) Toluene	10.408	92	476280	54.67	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	225454	52.91	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	268699	50.96	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	129619	53.11	ug/l	97
56) Ethyl methacrylate	10.661	69	149737	54.60	ug/l	96
57) 1,3-Dichloropropane	10.949	76	222860	51.93	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	405507	293.85	ug/l	100
59) 2-Hexanone	10.985	43	337087	274.15	ug/l	98
60) Dibromochloromethane	11.143	129	161720	53.49	ug/l	99
61) 1,2-Dibromoethane	11.249	107	122226	52.20	ug/l	99
64) Tetrachloroethene	10.879	164	141919	46.73	ug/l	97
65) Chlorobenzene	11.673	112	460546	49.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	168541	50.56	ug/l	98
67) Ethyl Benzene	11.749	91	833613	50.06	ug/l	99
68) m/p-Xylenes	11.855	106	639287	100.73	ug/l	100
69) o-Xylene	12.185	106	287516	50.63	ug/l	99
70) Styrene	12.196	104	511991	52.17	ug/l	99
71) Bromoform	12.361	173	86319	51.23	ug/l #	100
73) Isopropylbenzene	12.479	105	770976	51.34	ug/l	100
74) N-amyl acetate	12.290	43	177646	52.12	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	140428	50.41	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	89412m	52.50	ug/l	
77) Bromobenzene	12.761	156	174504	50.82	ug/l	96
78) n-propylbenzene	12.820	91	950608	50.93	ug/l	99
79) 2-Chlorotoluene	12.908	91	535929	50.82	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	652348	52.31	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	43640	52.52	ug/l	98
82) 4-Chlorotoluene	13.008	91	559944	50.53	ug/l	99
83) tert-Butylbenzene	13.226	119	538871	52.54	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	660626	52.82	ug/l	100
85) sec-Butylbenzene	13.402	105	770087	51.31	ug/l	100
86) p-Isopropyltoluene	13.514	119	694138	52.56	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	348981	51.10	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	336210	49.85	ug/l	99
89) n-Butylbenzene	13.843	91	664461	50.72	ug/l	100
90) Hexachloroethane	14.114	117	137325	50.89	ug/l	97
91) 1,2-Dichlorobenzene	13.890	146	296324	51.54	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.508	75	20800	47.69	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	177155	51.90	ug/l	99
94) Hexachlorobutadiene	15.267	225	96067	48.09	ug/l	99
95) Naphthalene	15.402	128	333624	55.30	ug/l	98
96) 1,2,3-Trichlorobenzene	15.596	180	155360	52.68	ug/l	97

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

