

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068514.D
 Acq On : 03 Mar 2021 15:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:04:20 PM

Quant Time: Mar 04 00:04:44 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	304408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	525001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	489716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	231718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150357	49.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.88%		
35) Dibromofluoromethane	7.914	113	161711	51.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.26%		
50) Toluene-d8	10.338	98	626886	49.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.52%		
62) 4-Bromofluorobenzene	12.632	95	202829	49.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	120323	40.73	ug/l	99
3) Chloromethane	2.209	50	166659	44.64	ug/l	97
4) Vinyl Chloride	2.350	62	193208	43.59	ug/l	99
5) Bromomethane	2.768	94	144907	45.91	ug/l	98
6) Chloroethane	2.921	64	129889	45.31	ug/l	99
7) Trichlorofluoromethane	3.273	101	228544	45.19	ug/l	98
8) Diethyl Ether	3.709	74	71395	47.42	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	140814	45.70	ug/l	95
10) Methyl Iodide	4.303	142	172015	46.86	ug/l	94
11) Tert butyl alcohol	5.215	59	38657	238.05	ug/l	99
12) 1,1-Dichloroethene	4.067	96	139824	45.74	ug/l	99
13) Acrolein	3.926	56	56465	243.29	ug/l	98
14) Allyl chloride	4.720	41	195415	49.51	ug/l	96
15) Acrylonitrile	5.420	53	161873	254.73	ug/l	98
16) Acetone	4.156	43	103370	213.97	ug/l #	86
17) Carbon Disulfide	4.409	76	465473	46.47	ug/l	99
18) Methyl Acetate	4.720	43	63856	51.28	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	359136	54.18	ug/l	94
20) Methylene Chloride	4.967	84	198155	55.29	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	198896	54.49	ug/l	95
22) Diisopropyl ether	6.362	45	396125	45.57	ug/l	95
23) Vinyl Acetate	6.309	43	1038025	230.17	ug/l	100
24) 1,1-Dichloroethane	6.267	63	276350	46.38	ug/l	100
25) 2-Butanone	7.208	43	154468	222.43	ug/l	97
26) 2,2-Dichloropropane	7.208	77	225767	45.48	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	194153	48.45	ug/l	99
28) Bromochloromethane	7.550	49	112845	48.52	ug/l	88
29) Tetrahydrofuran	7.561	42	97899	217.10	ug/l	97
30) Chloroform	7.708	83	297545	47.29	ug/l	97
31) Cyclohexane	7.985	56	218198	39.45	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	253764	47.25	ug/l	97
36) 1,1-Dichloropropene	8.114	75	222040	44.49	ug/l	97
37) Ethyl Acetate	7.297	43	70016	42.29	ug/l	99
38) Carbon Tetrachloride	8.097	117	215912	46.05	ug/l	98
39) Methylcyclohexane	9.355	83	265869	43.20	ug/l	96
40) Benzene	8.350	78	664972	46.45	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	44143	45.93	ug/l #	94
42) 1,2-Dichloroethane	8.426	62	174810	46.44	ug/l	100
43) Isopropyl Acetate	8.450	43	141348	46.45	ug/l	98
44) Trichloroethene	9.114	130	188985	48.10	ug/l	100
45) 1,2-Dichloropropane	9.391	63	162621	47.52	ug/l	93
46) Dibromomethane	9.479	93	89603	48.13	ug/l	95
47) Bromodichloromethane	9.661	83	233147	48.41	ug/l	99
48) Methyl methacrylate	9.455	41	66812	41.19	ug/l #	84
49) 1,4-Dioxane	9.455	88	19124	900.75	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	358768	225.30	ug/l	99
52) Toluene	10.408	92	434833	47.57	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	212109	47.66	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	254102	46.79	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	125781	48.82	ug/l	97
56) Ethyl methacrylate	10.661	69	140242	47.36	ug/l	96
57) 1,3-Dichloropropane	10.949	76	209065	46.49	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	373448	251.36	ug/l	95
59) 2-Hexanone	10.985	43	244988	230.81	ug/l	99
60) Dibromochloromethane	11.138	129	158189	49.60	ug/l	100
61) 1,2-Dibromoethane	11.244	107	122097	48.43	ug/l	100
64) Tetrachloroethene	10.879	164	149230	46.67	ug/l	97
65) Chlorobenzene	11.667	112	467724	46.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	165621	47.77	ug/l	97
67) Ethyl Benzene	11.744	91	828158	46.52	ug/l	99
68) m/p-Xylenes	11.849	106	636198	94.10	ug/l	98
69) o-Xylene	12.179	106	299000	48.02	ug/l	94
70) Styrene	12.191	104	510419	47.93	ug/l	98
71) Bromoform	12.361	173	89231	50.67	ug/l #	97
73) Isopropylbenzene	12.479	105	775711	45.14	ug/l	99
74) N-amyl acetate	12.291	43	133615	45.64	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	131233	44.39	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	91854m	44.65	ug/l	
77) Bromobenzene	12.761	156	181601	46.30	ug/l	95
78) n-propylbenzene	12.820	91	919568	44.78	ug/l	99
79) 2-Chlorotoluene	12.908	91	522209	45.82	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	656389	46.60	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	39651	44.98	ug/l	96
82) 4-Chlorotoluene	13.002	91	550762	45.93	ug/l	99
83) tert-Butylbenzene	13.220	119	541674	45.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	653489	46.32	ug/l	97
85) sec-Butylbenzene	13.402	105	783214	46.23	ug/l	98
86) p-Isopropyltoluene	13.514	119	706262	45.93	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	354987	46.86	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	350876	46.76	ug/l	100
89) n-Butylbenzene	13.838	91	661858	44.62	ug/l	98
90) Hexachloroethane	14.108	117	144806	47.38	ug/l	93
91) 1,2-Dichlorobenzene	13.885	146	312098	48.04	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22408	43.00	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	237208	47.27	ug/l	99
94) Hexachlorobutadiene	15.267	225	128086	45.99	ug/l	99
95) Naphthalene	15.396	128	419464	46.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	200536	46.16	ug/l	99

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

