

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068428.D
 Acq On : 24 Feb 2021 10:51
 Operator : VA/SY
 Sample : VD0224SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0224SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:42 PM

Quant Time: Feb 25 00:09:26 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	354060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	615779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	552606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179050	49.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.94%		
35) Dibromofluoromethane	7.920	113	183190	50.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.24%		
50) Toluene-d8	10.338	98	740768	48.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.80%		
62) 4-Bromofluorobenzene	12.632	95	239130	48.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	67046	20.66	ug/l	94
3) Chloromethane	2.209	50	79425	20.56	ug/l	92
4) Vinyl Chloride	2.350	62	100743	21.79	ug/l	98
5) Bromomethane	2.756	94	69893	21.15	ug/l	97
6) Chloroethane	2.915	64	65038	21.53	ug/l	97
7) Trichlorofluoromethane	3.273	101	123015	21.61	ug/l	100
8) Diethyl Ether	3.709	74	35347	21.15	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	76014	21.95	ug/l	94
10) Methyl Iodide	4.309	142	66405	20.42	ug/l	93
11) Tert butyl alcohol	5.226	59	23361	128.73	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	71033	21.09	ug/l	86
13) Acrolein	3.920	56	17280	83.27	ug/l	100
14) Allyl chloride	4.720	41	90995	20.78	ug/l	98
15) Acrylonitrile	5.420	53	79614	110.36	ug/l	98
16) Acetone	4.162	43	59930	107.32	ug/l #	87
17) Carbon Disulfide	4.409	76	200205	20.53	ug/l	98
18) Methyl Acetate	4.720	43	32974	21.51	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	163609	21.53	ug/l	95
20) Methylene Chloride	4.962	84	88863	21.15	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	84272	21.62	ug/l	97
22) Diisopropyl ether	6.367	45	193735	20.00	ug/l	94
23) Vinyl Acetate	6.309	43	494056	98.76	ug/l	99
24) 1,1-Dichloroethane	6.267	63	134017	20.22	ug/l	98
25) 2-Butanone	7.220	43	81783	104.74	ug/l	96
26) 2,2-Dichloropropane	7.208	77	116688	20.58	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	90415	20.41	ug/l	98
28) Bromochloromethane	7.544	49	54682	19.89	ug/l	84
29) Tetrahydrofuran	7.561	42	51690	102.34	ug/l	98
30) Chloroform	7.714	83	143420	20.80	ug/l	98
31) Cyclohexane	7.985	56	115612	20.36	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	124867	20.96	ug/l	94
36) 1,1-Dichloropropene	8.114	75	110420	20.27	ug/l	95
37) Ethyl Acetate	7.303	43	37208	20.21	ug/l	96
38) Carbon Tetrachloride	8.097	117	108399	20.86	ug/l	96
39) Methylcyclohexane	9.355	83	134733	20.16	ug/l	97
40) Benzene	8.350	78	314139	20.22	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22412	21.15	ug/l #	94
42) 1,2-Dichloroethane	8.426	62	85058	20.52	ug/l	97
43) Isopropyl Acetate	8.456	43	72173	20.47	ug/l	98
44) Trichloroethene	9.114	130	84292	19.93	ug/l	94
45) 1,2-Dichloropropane	9.385	63	77954	20.56	ug/l	99
46) Dibromomethane	9.473	93	41702	20.27	ug/l	93
47) Bromodichloromethane	9.667	83	109088	20.46	ug/l	97
48) Methyl methacrylate	9.461	41	32845	18.67	ug/l #	85
49) 1,4-Dioxane	9.461	88	9782	407.06	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	187230	103.42	ug/l	97
52) Toluene	10.402	92	205123	20.53	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	100409	20.35	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	122269	20.28	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	60178	21.18	ug/l #	89
56) Ethyl methacrylate	10.661	69	67797	20.11	ug/l	98
57) 1,3-Dichloropropane	10.949	76	102763	20.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	183975	101.91	ug/l	92
59) 2-Hexanone	10.985	43	128273	104.81	ug/l	99
60) Dibromochloromethane	11.138	129	73119	20.74	ug/l	99
61) 1,2-Dibromoethane	11.249	107	56036	20.41	ug/l	94
64) Tetrachloroethene	10.873	164	69872	20.55	ug/l	93
65) Chlorobenzene	11.673	112	218496	20.56	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	78096	21.07	ug/l	97
67) Ethyl Benzene	11.744	91	390178	20.48	ug/l	100
68) m/p-Xylenes	11.855	106	297056	41.26	ug/l	98
69) o-Xylene	12.179	106	138455	20.96	ug/l	94
70) Styrene	12.196	104	235456	20.49	ug/l	98
71) Bromoform	12.361	173	39533	20.75	ug/l #	99
73) Isopropylbenzene	12.479	105	384167	20.45	ug/l	99
74) N-amyl acetate	12.285	43	66013	19.90	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	67022	20.59	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	45918m	18.76	ug/l	
77) Bromobenzene	12.761	156	84891	20.23	ug/l	90
78) n-propylbenzene	12.820	91	456546	20.30	ug/l	98
79) 2-Chlorotoluene	12.908	91	248824	19.98	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	313929	20.45	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	20315	20.81	ug/l	95
82) 4-Chlorotoluene	13.002	91	264987	20.13	ug/l	97
83) tert-Butylbenzene	13.220	119	267035	20.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	306694	20.05	ug/l	97
85) sec-Butylbenzene	13.402	105	381666	20.50	ug/l	98
86) p-Isopropyltoluene	13.514	119	344011	20.57	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	165196	20.35	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	165126	20.44	ug/l	99
89) n-Butylbenzene	13.838	91	329295	20.18	ug/l	97
90) Hexachloroethane	14.108	117	63352	20.87	ug/l	90
91) 1,2-Dichlorobenzene	13.885	146	142022	20.17	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10577	22.22	ug/l	91
93) 1,2,4-Trichlorobenzene	15.161	180	113372	24.59	ug/l	98
94) Hexachlorobutadiene	15.267	225	64362	25.38	ug/l	98
95) Naphthalene	15.402	128	207852	24.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	99233	24.67	ug/l	97

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

