

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068600.D
 Acq On : 12 Mar 2021 12:08
 Operator : VA/SY
 Sample : VD0312SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:39:48 PM

Quant Time: Mar 12 23:34:38 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	300924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	507492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	471088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	267523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144641	48.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.22%		
35) Dibromofluoromethane	7.914	113	155928	51.00	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.00%		
50) Toluene-d8	10.338	98	574754	47.20	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.40%		
62) 4-Bromofluorobenzene	12.632	95	206152	52.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.06%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	54421	18.64	ug/l	98
3) Chloromethane	2.209	50	67122	18.19	ug/l	98
4) Vinyl Chloride	2.350	62	81120	18.51	ug/l	91
5) Bromomethane	2.756	94	63056	20.21	ug/l	95
6) Chloroethane	2.921	64	54464	19.22	ug/l	92
7) Trichlorofluoromethane	3.273	101	101942	20.39	ug/l	96
8) Diethyl Ether	3.715	74	28953	19.45	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	61494	20.19	ug/l	97
10) Methyl Iodide	4.297	142	59870	18.20	ug/l	92
11) Tert butyl alcohol	5.220	59	21436	133.53	ug/l #	92
12) 1,1-Dichloroethene	4.068	96	59713	19.76	ug/l	95
13) Acrolein	3.926	56	18615	81.13	ug/l	99
14) Allyl chloride	4.720	41	68563	17.57	ug/l	93
15) Acrylonitrile	5.426	53	70907	112.88	ug/l	98
16) Acetone	4.162	43	47631	99.73	ug/l	95
17) Carbon Disulfide	4.409	76	181046	18.29	ug/l	100
18) Methyl Acetate	4.720	43	24542	19.94	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	149997	22.89	ug/l	97
20) Methylene Chloride	4.962	84	87534	22.19	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	78387	21.72	ug/l	96
22) Diisopropyl ether	6.362	45	162277	18.89	ug/l	94
23) Vinyl Acetate	6.309	43	426764	95.73	ug/l	98
24) 1,1-Dichloroethane	6.273	63	115550	19.62	ug/l	99
25) 2-Butanone	7.214	43	68466	99.73	ug/l	96
26) 2,2-Dichloropropane	7.214	77	100946	20.57	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	77601	19.59	ug/l	96
28) Bromochloromethane	7.556	49	42873	18.65	ug/l	89
29) Tetrahydrofuran	7.561	42	43084	96.65	ug/l	98
30) Chloroform	7.708	83	127915	20.56	ug/l	96
31) Cyclohexane	7.985	56	96562	17.66	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	108185	20.38	ug/l	96
36) 1,1-Dichloropropene	8.114	75	94781	19.65	ug/l	97
37) Ethyl Acetate	7.297	43	31353	19.59	ug/l	98
38) Carbon Tetrachloride	8.097	117	97075	21.42	ug/l	94
39) Methylcyclohexane	9.355	83	114244	19.20	ug/l	97
40) Benzene	8.356	78	274933	19.87	ug/l	96

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41) Methacrylonitrile	7.526	41	14620m	15.74	ug/l	
42) 1,2-Dichloroethane	8.426	62	75722	20.81	ug/l	100
43) Isopropyl Acetate	8.456	43	63320	21.53	ug/l	99
44) Trichloroethene	9.114	130	78280	20.61	ug/l	97
45) 1,2-Dichloropropane	9.385	63	67279	20.34	ug/l	92
46) Dibromomethane	9.479	93	38919	21.63	ug/l	96
47) Bromodichloromethane	9.661	83	98094	21.07	ug/l	94
48) Methyl methacrylate	9.455	41	28487	18.17	ug/l #	83
49) 1,4-Dioxane	9.461	88	8617	419.87	ug/l #	93
51) 4-Methyl-2-Pentanone	10.232	43	154379	100.29	ug/l	98
52) Toluene	10.402	92	178879	20.24	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	89950	20.91	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	107744	20.53	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	53168	21.35	ug/l	93
56) Ethyl methacrylate	10.661	69	57781	20.18	ug/l	96
57) 1,3-Dichloropropane	10.944	76	90928	20.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	142439	99.18	ug/l	94
59) 2-Hexanone	10.985	43	106334	103.64	ug/l	99
60) Dibromochloromethane	11.144	129	68419	22.19	ug/l	97
61) 1,2-Dibromoethane	11.249	107	52531	21.55	ug/l	99
64) Tetrachloroethene	10.879	164	65425	21.27	ug/l	91
65) Chlorobenzene	11.673	112	198014	20.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	71837	21.54	ug/l	98
67) Ethyl Benzene	11.744	91	343387	20.05	ug/l	99
68) m/p-Xylenes	11.855	106	267491	41.13	ug/l	98
69) o-Xylene	12.179	106	120788	20.17	ug/l	96
70) Styrene	12.191	104	213197	20.81	ug/l	97
71) Bromoform	12.355	173	40645	23.99	ug/l #	96
73) Isopropylbenzene	12.479	105	336680	16.97	ug/l	100
74) N-amyl acetate	12.285	43	58374	17.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	62112	18.20	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	50275m	21.17	ug/l	
77) Bromobenzene	12.761	156	87859	19.40	ug/l	97
78) n-propylbenzene	12.820	91	418605	17.66	ug/l	98
79) 2-Chlorotoluene	12.902	91	234684	17.83	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	291267	17.91	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	19134	18.80	ug/l	94
82) 4-Chlorotoluene	13.002	91	246109	17.78	ug/l	100
83) tert-Butylbenzene	13.220	119	245764	17.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	295895	18.17	ug/l	99
85) sec-Butylbenzene	13.396	105	371528	19.00	ug/l	100
86) p-Isopropyltoluene	13.514	119	338457	19.06	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	176178	20.15	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	174901	20.19	ug/l	98
89) n-Butylbenzene	13.838	91	321939	18.80	ug/l	99
90) Hexachloroethane	14.102	117	57662	16.34	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	154114	20.55	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11230	18.66	ug/l	91
93) 1,2,4-Trichlorobenzene	15.155	180	109949	18.98	ug/l	99
94) Hexachlorobutadiene	15.261	225	61858	19.24	ug/l	98
95) Naphthalene	15.396	128	188542	17.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	92718	18.49	ug/l	99

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

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