

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068313.D
 Acq On : 08 Feb 2021 12:19
 Operator : VA/SY
 Sample : VD0208SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 9:59:50 AM

Quant Time: Feb 09 00:13:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	395370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	683383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	625556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	280589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	175354	46.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.72%		
35) Dibromofluoromethane	7.920	113	194202	51.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.80%		
50) Toluene-d8	10.344	98	683006	45.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.38%		
62) 4-Bromofluorobenzene	12.632	95	252247	46.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.70%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	84234	17.93	ug/l	99
3) Chloromethane	2.209	50	94988	18.78	ug/l	92
4) Vinyl Chloride	2.350	62	115530	20.54	ug/l	100
5) Bromomethane	2.768	94	88753	23.01	ug/l	99
6) Chloroethane	2.921	64	76442	22.24	ug/l	96
7) Trichlorofluoromethane	3.273	101	149342	20.22	ug/l	98
8) Diethyl Ether	3.709	74	42646	19.62	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	86593	20.11	ug/l	97
10) Methyl Iodide	4.303	142	84309	19.51	ug/l	95
11) Tert butyl alcohol	5.220	59	31561	37.77	ug/l #	84
12) 1,1-Dichloroethene	4.073	96	85782	19.80	ug/l #	94
13) Acrolein	3.932	56	25529	85.65	ug/l	97
14) Allyl chloride	4.720	41	111792	17.74	ug/l	95
15) Acrylonitrile	5.420	53	85133	98.85	ug/l	99
16) Acetone	4.162	43	59073	87.47	ug/l	98
17) Carbon Disulfide	4.409	76	250056	17.92	ug/l	100
18) Methyl Acetate	4.715	43	35340	20.16	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	195350	19.51	ug/l	94
20) Methylene Chloride	4.968	84	107961	20.54	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	101492	20.41	ug/l	94
22) Diisopropyl ether	6.362	45	247398	19.46	ug/l #	97
23) Vinyl Acetate	6.309	43	625208	92.25	ug/l	99
24) 1,1-Dichloroethane	6.262	63	172999	21.00	ug/l	98
25) 2-Butanone	7.214	43	91448	89.93	ug/l	95
26) 2,2-Dichloropropane	7.209	77	148492	19.05	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	116724	21.62	ug/l	98
28) Bromochloromethane	7.556	49	60754	21.65	ug/l	81
29) Tetrahydrofuran	7.561	42	57894	87.83	ug/l	99
30) Chloroform	7.709	83	180422	21.67	ug/l	92
31) Cyclohexane	7.985	56	145755	17.80	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	156809	20.90	ug/l	97
36) 1,1-Dichloropropene	8.114	75	136351	19.79	ug/l	97
37) Ethyl Acetate	7.297	43	40206	16.49	ug/l	98
38) Carbon Tetrachloride	8.097	117	135129	20.95	ug/l	96
39) Methylcyclohexane	9.355	83	164052	18.21	ug/l	99
40) Benzene	8.350	78	400360	20.78	ug/l	95

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41) Methacrylonitrile	7.532	41	25872	17.59	ug/l	96
42) 1,2-Dichloroethane	8.426	62	106379	20.66	ug/l	100
43) Isopropyl Acetate	8.450	43	88011	17.32	ug/l	99
44) Trichloroethene	9.114	130	110359	20.85	ug/l	94
45) 1,2-Dichloropropane	9.391	63	96469	20.44	ug/l	97
46) Dibromomethane	9.473	93	50924	21.30	ug/l	95
47) Bromodichloromethane	9.661	83	135709	21.04	ug/l	99
48) Methyl methacrylate	9.456	41	41226	16.30	ug/l	90
49) 1,4-Dioxane	9.461	88	10534	375.96	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	213384	90.36	ug/l	100
52) Toluene	10.403	92	261519	20.83	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	126683	19.40	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	155870	20.05	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	71697	21.16	ug/l	94
56) Ethyl methacrylate	10.661	69	83938	18.60	ug/l	96
57) 1,3-Dichloropropane	10.950	76	123372	20.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	220690	105.95	ug/l	94
59) 2-Hexanone	10.985	43	139627	85.30	ug/l	99
60) Dibromochloromethane	11.144	129	86782	20.43	ug/l	96
61) 1,2-Dibromoethane	11.250	107	67932	20.32	ug/l	99
64) Tetrachloroethene	10.873	164	87946	19.95	ug/l	96
65) Chlorobenzene	11.673	112	276186	20.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	96657	20.67	ug/l	97
67) Ethyl Benzene	11.744	91	497362	20.21	ug/l	97
68) m/p-Xylenes	11.855	106	369272	39.75	ug/l	98
69) o-Xylene	12.179	106	174061	20.17	ug/l	95
70) Styrene	12.197	104	298810	20.29	ug/l	99
71) Bromoform	12.361	173	47556	20.07	ug/l #	99
73) Isopropylbenzene	12.479	105	478345	20.49	ug/l	99
74) N-amyl acetate	12.291	43	79994	16.48	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	73989	19.92	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	54134m	19.95	ug/l	
77) Bromobenzene	12.761	156	106026	21.18	ug/l	92
78) n-propylbenzene	12.820	91	548321	19.85	ug/l	99
79) 2-Chlorotoluene	12.908	91	311783	20.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	387744	19.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	22545	16.82	ug/l	95
82) 4-Chlorotoluene	13.002	91	326145	20.22	ug/l	98
83) tert-Butylbenzene	13.220	119	332731	20.19	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	382486	19.82	ug/l	98
85) sec-Butylbenzene	13.402	105	454153	19.70	ug/l	98
86) p-Isopropyltoluene	13.514	119	414047	19.75	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	200258	20.81	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	198177	20.90	ug/l	98
89) n-Butylbenzene	13.844	91	386279	19.20	ug/l	99
90) Hexachloroethane	14.114	117	73856	19.50	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	172179	20.89	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	10268	16.89	ug/l	91
93) 1,2,4-Trichlorobenzene	15.161	180	115958	20.52	ug/l	99
94) Hexachlorobutadiene	15.267	225	59378	18.95	ug/l	99
95) Naphthalene	15.396	128	204699	19.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	95028	19.93	ug/l	99

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

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