

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066157.D
 Acq On : 9 Mar 2021 16:11
 Operator : JC/MD
 Sample : VN0309WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:28 PM

Quant Time: Mar 10 02:56:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	164389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	283437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	285453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	136179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	148957	48.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.04%		
35) Dibromofluoromethane	7.509	113	94841	49.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.10%		
50) Toluene-d8	10.028	98	366913	48.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.46%		
62) 4-Bromofluorobenzene	12.342	95	147088	51.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.821	85	39706	19.32	ug/l	98
3) Chloromethane	2.017	50	67246	18.09	ug/l	97
4) Vinyl Chloride	2.148	62	56143	19.08	ug/l	98
5) Bromomethane	2.526	94	30580	19.37	ug/l	100
6) Chloroethane	2.660	64	31301	19.34	ug/l	97
7) Trichlorofluoromethane	2.969	101	63783	20.11	ug/l	97
8) Diethyl Ether	3.344	74	26080	19.94	ug/l	56
9) 1,1,2-Trichlorotrifluo...	3.680	101	34081	22.63	ug/l	90
10) Methyl Iodide	3.870	142	27575	16.10	ug/l #	90
11) Tert butyl alcohol	4.715	59	47651	89.76	ug/l #	90
12) 1,1-Dichloroethene	3.664	96	33552	20.14	ug/l #	65
13) Acrolein	3.535	56	27441	80.47	ug/l	96
14) Allyl chloride	4.227	41	103931	20.04	ug/l #	87
15) Acrylonitrile	4.884	53	141587	92.57	ug/l	100
16) Acetone	3.741	43	166551	106.28	ug/l	89
17) Carbon Disulfide	3.969	76	103036	19.63	ug/l	99
18) Methyl Acetate	4.243	43	75109	19.19	ug/l #	86
19) Methyl tert-butyl Ether	4.943	73	142191	18.80	ug/l #	88
20) Methylene Chloride	4.452	84	44220	19.14	ug/l #	76
21) trans-1,2-Dichloroethene	4.937	96	40217	20.29	ug/l #	81
22) Diisopropyl ether	5.855	45	195717	18.91	ug/l #	91
23) Vinyl Acetate	5.796	43	833675	93.58	ug/l #	89
24) 1,1-Dichloroethane	5.747	63	93461	19.77	ug/l	96
25) 2-Butanone	6.745	43	226528	93.27	ug/l #	81
26) 2,2-Dichloropropane	6.724	77	76627	19.78	ug/l	95
27) cis-1,2-Dichloroethene	6.734	96	45605	18.90	ug/l	75
28) Bromochloromethane	7.104	49	47299	17.42	ug/l #	63
29) Tetrahydrofuran	7.126	42	147603	87.50	ug/l #	78
30) Chloroform	7.287	83	82489	19.45	ug/l	98
31) Cyclohexane	7.568	56	88683	19.83	ug/l #	84
32) 1,1,1-Trichloroethane	7.485	97	69504	19.63	ug/l	94
36) 1,1-Dichloropropene	7.711	75	62231	19.31	ug/l	94
37) Ethyl Acetate	6.839	43	89807	18.27	ug/l #	91
38) Carbon Tetrachloride	7.692	117	55775	19.87	ug/l	96
39) Methylcyclohexane	9.011	83	67880	19.88	ug/l #	83
40) Benzene	7.963	78	180529	19.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	40027	16.95	ug/l #	100
42) 1,2-Dichloroethane	8.049	62	72492	18.90	ug/l	93
43) Isopropyl Acetate	8.089	43	143464	17.96	ug/l #	83
44) Trichloroethene	8.765	130	42843	19.19	ug/l	91
45) 1,2-Dichloropropane	9.049	63	56413	19.70	ug/l	96
46) Dibromomethane	9.140	93	29815	19.28	ug/l	89
47) Bromodichloromethane	9.339	83	65106	19.02	ug/l	97
48) Methyl methacrylate	9.135	41	68877	17.62	ug/l #	76
49) 1,4-Dioxane	9.143	88	11519	320.94	ug/l #	66
51) 4-Methyl-2-Pentanone	9.921	43	451426	93.11	ug/l	87
52) Toluene	10.092	92	104629	18.82	ug/l	96
53) t-1,3-Dichloropropene	10.320	75	76334	18.84	ug/l	96
54) cis-1,3-Dichloropropene	9.776	75	79911	18.41	ug/l #	85
55) 1,1,2-Trichloroethane	10.503	97	41936	19.34	ug/l	94
56) Ethyl methacrylate	10.368	69	69834	18.42	ug/l #	75
57) 1,3-Dichloropropane	10.647	76	78800	18.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	111527	83.42	ug/l #	87
59) 2-Hexanone	10.693	43	344673	99.44	ug/l	86
60) Dibromochloromethane	10.840	129	42928	18.75	ug/l	99
61) 1,2-Dibromoethane	10.945	107	41536	18.74	ug/l	100
64) Tetrachloroethene	10.572	164	44612	18.95	ug/l	99
65) Chlorobenzene	11.371	112	111819	18.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	39160	17.53	ug/l	99
67) Ethyl Benzene	11.452	91	209117	18.54	ug/l	97
68) m/p-Xylenes	11.565	106	153650	37.80	ug/l	93
69) o-Xylene	11.889	106	74466	19.03	ug/l	91
70) Styrene	11.905	104	124928	19.45	ug/l	95
71) Bromoform	12.069	173	31390	18.64	ug/l #	100
73) Isopropylbenzene	12.192	105	196747	18.55	ug/l	98
74) N-amyl acetate	12.015	43	106292	18.08	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.450	83	70888	18.67	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	67761m	16.60	ug/l	
77) Bromobenzene	12.466	156	48043	19.52	ug/l	75
78) n-propylbenzene	12.535	91	237011	18.79	ug/l	97
79) 2-Chlorotoluene	12.616	91	144971	19.00	ug/l	96
80) 1,3,5-Trimethylbenzene	12.678	105	174184	19.42	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.243	75	22736	17.39	ug/l	92
82) 4-Chlorotoluene	12.715	91	148888	19.09	ug/l	94
83) tert-Butylbenzene	12.938	119	139787	18.42	ug/l	93
84) 1,2,4-Trimethylbenzene	12.983	105	169884	19.26	ug/l	100
85) sec-Butylbenzene	13.115	105	193961	19.40	ug/l	98
86) p-Isopropyltoluene	13.233	119	169121	19.03	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	81691	18.24	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	82888	18.35	ug/l	96
89) n-Butylbenzene	13.557	91	156996	19.18	ug/l	97
90) Hexachloroethane	13.815	117	23850	17.33	ug/l	96
91) 1,2-Dichlorobenzene	13.595	146	79954	17.97	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	17076	17.70	ug/l	68
93) 1,2,4-Trichlorobenzene	14.850	180	48541	18.46	ug/l	98
94) Hexachlorobutadiene	14.949	225	24294	19.16	ug/l	97
95) Naphthalene	15.070	128	153782	18.30	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	50616	18.61	ug/l	98

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

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