

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066429.D
 Acq On : 30 Mar 2021 18:52
 Operator : JC/MD
 Sample : M1458-09 0.5 PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
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MMDadoda
 3/31/2021 1:37:17 PM

Quant Time: Mar 31 04:07:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 31 04:06:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	341963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	565308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	492853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	189777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	244039	53.68	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.36%			
35) Dibromofluoromethane	7.507	113	190679	50.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.76%			
50) Toluene-d8	10.025	98	682257	48.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.00%			
62) 4-Bromofluorobenzene	12.345	95	197145	39.93	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 79.86%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	2153	0.50	ug/l	91
3) Chloromethane	2.017	50	5855	1.16	ug/l	97
4) Vinyl Chloride	2.143	62	3142	0.64	ug/l #	82
5) Bromomethane	2.510	94	3060	0.93	ug/l #	76
6) Chloroethane	2.655	64	2345m	0.76	ug/l	
7) Trichlorofluoromethane	2.955	101	4481m	0.66	ug/l	
8) Diethyl Ether	3.342	74	1921	0.70	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.674	101	2552m	0.67	ug/l	
10) Methyl Iodide	3.865	142	2947	0.54	ug/l #	91
11) Tert butyl alcohol	4.709	59	2198m	3.17	ug/l	
12) 1,1-Dichloroethene	3.655	96	2768	0.71	ug/l #	90
13) Acrolein	3.529	56	5836	12.97	ug/l #	45
14) Allyl chloride	4.229	41	3949	0.51	ug/l #	76
15) Acrylonitrile	4.878	53	5864m	3.03	ug/l	
16) Acetone	3.739	43	10550	4.30	ug/l	97
17) Carbon Disulfide	3.964	76	7955	0.69	ug/l #	89
18) Methyl Acetate	4.243	43	6641m	1.04	ug/l	
19) Methyl tert-butyl Ether	4.948	73	7076	0.61	ug/l	92
20) Methylene Chloride	4.449	84	4457	0.94	ug/l #	95
21) trans-1,2-Dichloroethene	4.927	96	2313m	0.65	ug/l	
22) Diisopropyl ether	5.860	45	7747	0.64	ug/l #	97
23) Vinyl Acetate	5.801	43	28948m	2.81	ug/l	
24) 1,1-Dichloroethane	5.742	63	4607m	0.69	ug/l	
25) 2-Butanone	6.745	43	6579	2.45	ug/l	92
26) 2,2-Dichloropropane	6.718	77	3490	0.59	ug/l	91
27) cis-1,2-Dichloroethene	6.732	96	2654m	0.64	ug/l	
28) Bromochloromethane	7.104	49	2131	0.63	ug/l #	84
29) Tetrahydrofuran	7.129	42	5688	3.25	ug/l #	72
30) Chloroform	7.279	83	3967m	0.59	ug/l	
31) Cyclohexane	7.579	56	10104	1.61	ug/l #	23
32) 1,1,1-Trichloroethane	7.488	97	3623m	0.62	ug/l	
36) 1,1-Dichloropropene	7.705	75	3098	0.58	ug/l #	83
37) Ethyl Acetate	6.844	43	3071	0.53	ug/l #	75
38) Carbon Tetrachloride	7.684	117	3049	0.57	ug/l #	95
39) Methylcyclohexane	9.006	83	3125	0.48	ug/l	94
40) Benzene	7.963	78	9446	0.59	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.072	41	1544	0.53	ug/l #	73
42) 1,2-Dichloroethane	8.051	62	3726	0.65	ug/l	86
43) Isopropyl Acetate	8.091	43	6165	0.62	ug/l #	83
44) Trichloroethene	8.767	130	2587	0.61	ug/l	97
45) 1,2-Dichloropropane	9.052	63	2487	0.58	ug/l #	76
46) Dibromomethane	9.135	93	1550	0.55	ug/l	93
47) Bromodichloromethane	9.333	83	3156	0.55	ug/l #	96
48) Methyl methacrylate	9.132	41	2716	0.57	ug/l	92
49) 1,4-Dioxane	9.137	88	774	12.95	ug/l #	84
51) 4-Methyl-2-Pentanone	9.921	43	14920	2.56	ug/l	99
52) Toluene	10.092	92	5039	0.51	ug/l	89
53) t-1,3-Dichloropropene	10.320	75	3370	0.54	ug/l #	83
54) cis-1,3-Dichloropropene	9.778	75	3422	0.51	ug/l	90
55) 1,1,2-Trichloroethane	10.503	97	2321	0.59	ug/l	95
56) Ethyl methacrylate	10.374	69	2770	0.46	ug/l #	72
57) 1,3-Dichloropropane	10.645	76	3637	0.55	ug/l #	85
58) 2-Chloroethyl Vinyl ether	9.636	63	718	1.32	ug/l #	49
59) 2-Hexanone	10.701	43	9177	2.24	ug/l	78
60) Dibromochloromethane	10.838	129	2217	0.50	ug/l	93
61) 1,2-Dibromoethane	10.950	107	2243	0.54	ug/l	90
64) Tetrachloroethene	10.572	164	2215	0.53	ug/l	92
65) Chlorobenzene	11.377	112	5630	0.57	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.449	131	1940	0.51	ug/l #	45
67) Ethyl Benzene	11.455	91	9172	0.51	ug/l	94
68) m/p-Xylenes	11.567	106	6564	0.97	ug/l	99
69) o-Xylene	11.889	106	3150	0.48	ug/l	99
70) Styrene	11.911	104	4638	0.44	ug/l	91
71) Bromoform	12.072	173	1259	0.40	ug/l #	93
73) Isopropylbenzene	12.195	105	7489	0.53	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.444	83	2926m	0.65	ug/l	
76) 1,2,3-Trichloropropane	12.509	75	2607m	0.63	ug/l	
77) Bromobenzene	12.474	156	2072	0.58	ug/l	85
78) n-propylbenzene	12.538	91	6482	0.42	ug/l	96
79) 2-Chlorotoluene	12.624	91	4074	0.43	ug/l	88
80) 1,3,5-Trimethylbenzene	12.680	105	5757	0.50	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	626m	0.45	ug/l	
82) 4-Chlorotoluene	12.729	91	5643m	0.60	ug/l	
83) tert-Butylbenzene	12.938	119	5061	0.51	ug/l	98
84) 1,2,4-Trimethylbenzene	12.989	105	5497	0.49	ug/l	90
85) sec-Butylbenzene	13.117	105	6169	0.48	ug/l	91
86) p-Isopropyltoluene	13.238	119	5200	0.45	ug/l	94
87) 1,3-Dichlorobenzene	13.230	146	3212	0.54	ug/l	96
88) 1,4-Dichlorobenzene	13.305	146	3793m	0.61	ug/l	
89) n-Butylbenzene	13.576	91	4349m	0.46	ug/l	
90) Hexachloroethane	13.807	117	1215m	0.58	ug/l	
91) 1,2-Dichlorobenzene	13.606	146	3093	0.53	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.228	75	347	0.40	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.863	180	1810	0.50	ug/l	91
94) Hexachlorobutadiene	14.944	225	1140	0.57	ug/l	89
95) Naphthalene	15.083	128	5617	0.51	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.260	180	1945	0.53	ug/l	91

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

