

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066349.D
 Acq On : 26 Mar 2021 15:09
 Operator : JC/MD
 Sample : M1458-08 5.0ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 3:39:33 PM

Quant Time: Mar 27 03:29:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 27 03:14:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	492961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	767750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	725228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	288196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	339243	51.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.54%			
35) Dibromofluoromethane	7.507	113	265478	52.16	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.32%			
50) Toluene-d8	10.028	98	1027264	53.21	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.42%			
62) 4-Bromofluorobenzene	12.345	95	337282	50.30	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	28750	4.63	ug/l	94
3) Chloromethane	2.014	50	40068	5.50	ug/l	99
4) Vinyl Chloride	2.145	62	37541	5.28	ug/l	97
5) Bromomethane	2.505	94	27378	5.74	ug/l	99
6) Chloroethane	2.647	64	23478	5.30	ug/l	99
7) Trichlorofluoromethane	2.961	101	51784	5.30	ug/l	97
8) Diethyl Ether	3.339	74	19984	5.02	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.677	101	29878	5.42	ug/l	97
10) Methyl Iodide	3.867	142	39184	5.01	ug/l	100
11) Tert butyl alcohol	4.717	59	29965	29.98	ug/l #	85
12) 1,1-Dichloroethene	3.658	96	29510	5.22	ug/l	97
13) Acrolein	3.529	56	28986	44.70	ug/l	98
14) Allyl chloride	4.229	41	62055	5.55	ug/l	96
15) Acrylonitrile	4.881	53	73030	26.20	ug/l	99
16) Acetone	3.739	43	92412	26.10	ug/l	97
17) Carbon Disulfide	3.961	76	90973	5.45	ug/l	98
18) Methyl Acetate	4.237	43	46787	5.06	ug/l	98
19) Methyl tert-butyl Ether	4.945	73	84439	5.04	ug/l	92
20) Methylene Chloride	4.447	84	34212	5.02	ug/l	96
21) trans-1,2-Dichloroethene	4.932	96	26461	5.17	ug/l	96
22) Diisopropyl ether	5.857	45	87834	5.04	ug/l	95
23) Vinyl Acetate	5.796	43	379486	25.57	ug/l	98
24) 1,1-Dichloroethane	5.742	63	49297	5.12	ug/l	99
25) 2-Butanone	6.750	43	99917	25.82	ug/l	98
26) 2,2-Dichloropropane	6.724	77	43265	5.04	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	30804	5.15	ug/l	95
28) Bromochloromethane	7.102	49	24450	5.04	ug/l	99
29) Tetrahydrofuran	7.131	42	64348	25.48	ug/l	98
30) Chloroform	7.287	83	49575	5.15	ug/l	99
31) Cyclohexane	7.568	56	53208	5.87	ug/l #	85
32) 1,1,1-Trichloroethane	7.485	97	43275	5.12	ug/l	99
36) 1,1-Dichloropropene	7.711	75	36991	5.13	ug/l	99
37) Ethyl Acetate	6.847	43	41420	5.22	ug/l #	87
38) Carbon Tetrachloride	7.692	117	36171	4.99	ug/l	99
39) Methylcyclohexane	9.011	83	44134	5.02	ug/l	96
40) Benzene	7.960	78	111203	5.10	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	15148	3.85	ug/l #	84
42) 1,2-Dichloroethane	8.046	62	39769	5.10	ug/l	100
43) Isopropyl Acetate	8.094	43	68971	5.08	ug/l	99
44) Trichloroethene	8.767	130	29166	5.09	ug/l	96
45) 1,2-Dichloropropane	9.049	63	29621	5.10	ug/l	98
46) Dibromomethane	9.140	93	19628	5.16	ug/l	97
47) Bromodichloromethane	9.336	83	40494	5.15	ug/l #	98
48) Methyl methacrylate	9.135	41	31968	4.95	ug/l	97
49) 1,4-Dioxane	9.135	88	8773	108.11	ug/l	93
51) 4-Methyl-2-Pentanone	9.923	43	206342	26.02	ug/l	99
52) Toluene	10.092	92	69270	5.18	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	42985	5.04	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	47029	5.13	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	28372	5.28	ug/l	98
56) Ethyl methacrylate	10.371	69	40063	4.86	ug/l	98
57) 1,3-Dichloropropane	10.647	76	46684	5.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	16516	22.29	ug/l	96
59) 2-Hexanone	10.696	43	139407	25.09	ug/l	100
60) Dibromochloromethane	10.843	129	29955	5.02	ug/l	99
61) 1,2-Dibromoethane	10.945	107	29252	5.22	ug/l	97
64) Tetrachloroethene	10.572	164	29515	4.78	ug/l	97
65) Chlorobenzene	11.374	112	74884	5.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	27244	4.89	ug/l	95
67) Ethyl Benzene	11.455	91	130106	4.96	ug/l	98
68) m/p-Xylenes	11.565	106	94837	9.51	ug/l	99
69) o-Xylene	11.892	106	45310	4.71	ug/l	98
70) Styrene	11.908	104	72314	4.64	ug/l	100
71) Bromoform	12.071	173	22222	4.80	ug/l #	98
73) Isopropylbenzene	12.195	105	121108	5.65	ug/l	99
74) N-amyl acetate	12.020	43	25905	3.44	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.450	83	39352	5.76	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	30745m	4.86	ug/l	
77) Bromobenzene	12.468	156	29897	5.52	ug/l	99
78) n-propylbenzene	12.535	91	123828	5.31	ug/l	99
79) 2-Chlorotoluene	12.619	91	77955	5.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	93759	5.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.248	75	10115	4.81	ug/l	94
82) 4-Chlorotoluene	12.718	91	73721	5.17	ug/l	99
83) tert-Butylbenzene	12.938	119	81125	5.37	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	86617	5.08	ug/l	96
85) sec-Butylbenzene	13.115	105	99007	5.06	ug/l	98
86) p-Isopropyltoluene	13.235	119	86975	4.97	ug/l	98
87) 1,3-Dichlorobenzene	13.230	146	44000	4.84	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	43208	4.58	ug/l	91
89) n-Butylbenzene	13.565	91	69291	4.79	ug/l	98
90) Hexachloroethane	13.815	117	16093	5.09	ug/l	99
91) 1,2-Dichlorobenzene	13.600	146	44207	4.95	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.220	75	6172	4.71	ug/l	95
93) 1,2,4-Trichlorobenzene	14.855	180	24618	4.45	ug/l	97
94) Hexachlorobutadiene	14.952	225	15767	5.22	ug/l	99
95) Naphthalene	15.075	128	74428	4.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.252	180	24848	4.46	ug/l	97

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

