

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069535.D
 Acq On : 17 Nov 2021 17:28
 Operator : JC/MD
 Sample : M4068-08 5.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 18 08:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:10:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	957279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1633503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1487970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	532600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	768092	55.338	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.680%			
35) Dibromofluoromethane	8.021	113	515400	52.608	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.220%			
50) Toluene-d8	10.443	98	2006781	52.081	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.733	95	663593	46.880	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	39814	3.893	ug/l	98
3) Chloromethane	2.303	50	54036	4.556	ug/l	98
4) Vinyl Chloride	2.443	62	50091	4.218	ug/l	97
5) Bromomethane	2.837	94	31907	4.137	ug/l	93
6) Chloroethane	3.011	64	34955	4.361	ug/l	91
7) Trichlorofluoromethane	3.371	101	73827	4.022	ug/l	97
8) Diethyl Ether	3.824	74	24955	4.202	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.197	101	37315	4.316	ug/l #	67
10) Methyl Iodide	4.422	142	44967	4.240	ug/l #	94
11) Tert butyl alcohol	5.390	59	54986m	21.985	ug/l	
12) 1,1-Dichloroethene	4.175	96	33472	4.314	ug/l	86
13) Acrolein	4.038	56	11621m	29.575	ug/l	
14) Allyl chloride	4.840	41	69023	4.024	ug/l	96
15) Acrylonitrile	5.559	53	149710	23.374	ug/l	99
16) Acetone	4.293	43	166836	22.278	ug/l	96
17) Carbon Disulfide	4.519	76	66678	3.636	ug/l	98
18) Methyl Acetate	4.856	43	115568	4.747	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	139552	4.250	ug/l	99
20) Methylene Chloride	5.095	84	49056	4.619	ug/l #	80
21) trans-1,2-Dichloroethene	5.597	96	36907	4.259	ug/l	85
22) Diisopropyl ether	6.500	45	158250	4.283	ug/l	98
23) Vinyl Acetate	6.436	43	564475	19.751	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	81906	4.352	ug/l	95
25) 2-Butanone	7.343	43	231062	22.786	ug/l	94
26) 2,2-Dichloropropane	7.327	77	57109	3.878	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	46734	4.350	ug/l	85
28) Bromochloromethane	7.659	49	52668	5.464	ug/l	82
29) Tetrahydrofuran	7.691	42	142206	22.852	ug/l	90
30) Chloroform	7.820	83	85917	4.453	ug/l	97
31) Cyclohexane	8.091	56	98522	5.196	ug/l #	85
32) 1,1,1-Trichloroethane	8.016	97	66858	4.151	ug/l	95
36) 1,1-Dichloropropene	8.222	75	59554	4.333	ug/l	94
37) Ethyl Acetate	7.418	43	85856m	4.621	ug/l	
38) Carbon Tetrachloride	8.204	117	52616	3.965	ug/l	94
39) Methylcyclohexane	9.459	83	66254	3.875	ug/l #	87
40) Benzene	8.458	78	190709	4.495	ug/l	99

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41) Methacrylonitrile	7.640	41	39355	4.099	ug/l	91
42) 1,2-Dichloroethane	8.528	62	77144	4.644	ug/l	98
43) Isopropyl Acetate	8.566	43	127774	4.281	ug/l #	93
44) Trichloroethene	9.217	130	43474	4.282	ug/l	99
45) 1,2-Dichloropropane	9.491	63	49783	4.392	ug/l	97
46) Dibromomethane	9.579	93	33175	4.370	ug/l	90
47) Bromodichloromethane	9.764	83	54988	3.881	ug/l	98
48) Methyl methacrylate	9.563	41	63204m	4.501	ug/l	
49) 1,4-Dioxane	9.574	88	21327	85.164	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	422149	21.915	ug/l	94
52) Toluene	10.505	92	113429	4.292	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	50764	3.429	ug/l	94
54) cis-1,3-Dichloropropene	10.188	75	58355	3.612	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	47161	4.426	ug/l	96
56) Ethyl methacrylate	10.762	69	69997	3.968	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	80212	4.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	87185	21.330	ug/l	92
59) 2-Hexanone	11.087	43	311685	21.711	ug/l	91
60) Dibromochloromethane	11.240	129	35191	3.529	ug/l	99
61) 1,2-Dibromoethane	11.347	107	45128	4.183	ug/l	96
64) Tetrachloroethene	10.979	164	41621	4.633	ug/l	95
65) Chlorobenzene	11.771	112	118780	4.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	37946	3.950	ug/l	97
67) Ethyl Benzene	11.846	91	209857	4.108	ug/l	96
68) m/p-Xylenes	11.953	106	150073	7.988	ug/l	94
69) o-Xylene	12.280	106	76897	4.106	ug/l	96
70) Styrene	12.296	104	117006	3.889	ug/l	97
71) Bromoform	12.460	173	22511	3.284	ug/l #	99
73) Isopropylbenzene	12.581	105	195780	4.617	ug/l	97
74) N-amyl acetate	12.390	43	75900	4.223	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	72550	5.073	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	65134m	5.299	ug/l	
77) Bromobenzene	12.862	156	47707	4.919	ug/l	82
78) n-propylbenzene	12.921	91	208161	4.362	ug/l	97
79) 2-Chlorotoluene	13.007	91	135169	4.575	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	153857	4.488	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	11109m	3.033	ug/l	
82) 4-Chlorotoluene	13.106	91	122789	4.360	ug/l	92
83) tert-Butylbenzene	13.323	119	135510	4.511	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	142652	4.310	ug/l	97
85) sec-Butylbenzene	13.503	105	178403	4.251	ug/l	96
86) p-Isopropyltoluene	13.616	119	136741	4.105	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	72167	4.292	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	71334	4.325	ug/l	87
89) n-Butylbenzene	13.943	91	103233	3.716	ug/l	97
90) Hexachloroethane	14.208	117	19547	3.578	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	71441	4.465	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	9579	4.145	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	26924	3.819	ug/l	96
94) Hexachlorobutadiene	15.370	225	19383	4.662	ug/l	100
95) Naphthalene	15.507	128	70827	3.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	27973	4.144	ug/l	96

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

