

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069564.D
 Acq On : 18 Nov 2021 19:59
 Operator : JC/MD
 Sample : M4068-08 5.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Nov 19 04:54:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	2438167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	4225011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	4204274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1612077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1811254	51.235	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.460%			
35) Dibromofluoromethane	8.024	113	1264142	49.888	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.780%			
50) Toluene-d8	10.443	98	5384397	54.027	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.731	95	1942414	53.054	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	38782	1.489	ug/l	95
3) Chloromethane	2.303	50	52114	1.725	ug/l	99
4) Vinyl Chloride	2.446	62	49589	1.639	ug/l	100
5) Bromomethane	2.840	94	29884	1.521	ug/l	90
6) Chloroethane	3.009	64	33834	1.657	ug/l	92
7) Trichlorofluoromethane	3.371	101	72238	1.545	ug/l	98
8) Diethyl Ether	3.824	74	24977	1.651	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	37228	1.691	ug/l	95
10) Methyl Iodide	4.414	142	38882	1.440	ug/l	99
11) Tert butyl alcohol	5.393	59	46523	7.303	ug/l #	87
12) 1,1-Dichloroethene	4.178	96	34970	1.770	ug/l	95
13) Acrolein	4.041	56	9905	9.897	ug/l	89
14) Allyl chloride	4.838	41	67796	1.552	ug/l	91
15) Acrylonitrile	5.562	53	138205	8.472	ug/l	99
16) Acetone	4.293	43	145388	7.622	ug/l	99
17) Carbon Disulfide	4.524	76	63946	1.369	ug/l	98
18) Methyl Acetate	4.862	43	112839	1.820	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	138642	1.658	ug/l	96
20) Methylene Chloride	5.101	84	66058m	2.442	ug/l	
21) trans-1,2-Dichloroethene	5.599	96	36523	1.655	ug/l	87
22) Diisopropyl ether	6.501	45	153298	1.629	ug/l	96
23) Vinyl Acetate	6.439	43	541476m	7.439	ug/l	
24) 1,1-Dichloroethane	6.383	63	79078	1.650	ug/l	97
25) 2-Butanone	7.345	43	203962	7.897	ug/l	92
26) 2,2-Dichloropropane	7.324	77	50556	1.348	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	46476	1.699	ug/l	90
28) Bromochloromethane	7.657	49	50154	2.043	ug/l #	82
29) Tetrahydrofuran	7.697	42	129356	8.161	ug/l	88
30) Chloroform	7.823	83	84991	1.729	ug/l	100
31) Cyclohexane	8.088	56	138160	2.861	ug/l #	74
32) 1,1,1-Trichloroethane	8.016	97	66734	1.627	ug/l #	49
36) 1,1-Dichloropropene	8.222	75	57973	1.631	ug/l	96
37) Ethyl Acetate	7.421	43	79088	1.646	ug/l #	84
38) Carbon Tetrachloride	8.209	117	52874	1.541	ug/l	98
39) Methylcyclohexane	9.462	83	67485	1.526	ug/l	90
40) Benzene	8.458	78	187631	1.710	ug/l	99

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41) Methacrylonitrile	7.643	41	38355	1.545	ug/l	91
42) 1,2-Dichloroethane	8.531	62	78053	1.817	ug/l	98
43) Isopropyl Acetate	8.563	43	119588	1.549	ug/l	95
44) Trichloroethene	9.217	130	43534	1.658	ug/l	94
45) 1,2-Dichloropropane	9.491	63	49734	1.696	ug/l	99
46) Dibromomethane	9.577	93	32821	1.671	ug/l	89
47) Bromodichloromethane	9.762	83	54662	1.492	ug/l	96
48) Methyl methacrylate	9.561	41	55986	1.542	ug/l	88
49) 1,4-Dioxane	9.577	88	20581	31.775	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	403080	8.090	ug/l	94
52) Toluene	10.508	92	115257	1.686	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	49647	1.296	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	58127	1.391	ug/l #	86
55) 1,1,2-Trichloroethane	10.899	97	45379	1.647	ug/l	95
56) Ethyl methacrylate	10.762	69	70262	1.540	ug/l	86
57) 1,3-Dichloropropane	11.047	76	81617	1.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	81029	7.664	ug/l	92
59) 2-Hexanone	11.087	43	276363	7.443	ug/l	91
60) Dibromochloromethane	11.240	129	34786	1.349	ug/l	99
61) 1,2-Dibromoethane	11.347	107	43271	1.551	ug/l	99
64) Tetrachloroethene	10.980	164	42301	1.666	ug/l	95
65) Chlorobenzene	11.773	112	123684	1.581	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	41114	1.515	ug/l #	65
67) Ethyl Benzene	11.846	91	216230	1.498	ug/l	98
68) m/p-Xylenes	11.953	106	153776	2.897	ug/l	94
69) o-Xylene	12.280	106	76993	1.455	ug/l	93
70) Styrene	12.296	104	116221	1.367	ug/l	97
71) Bromoform	12.457	173	22179	1.145	ug/l #	99
73) Isopropylbenzene	12.581	105	192477	1.500	ug/l	97
74) N-amyl acetate	12.390	43	70819	1.302	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	71677	1.656	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	57882m	1.556	ug/l	
77) Bromobenzene	12.862	156	46813	1.595	ug/l	79
78) n-propylbenzene	12.921	91	214194	1.483	ug/l	97
79) 2-Chlorotoluene	13.010	91	138797	1.552	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	155936	1.503	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	10491m	0.946	ug/l	
82) 4-Chlorotoluene	13.106	91	123336	1.447	ug/l	93
83) tert-Butylbenzene	13.324	119	137515	1.512	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	142998	1.428	ug/l	98
85) sec-Butylbenzene	13.503	105	174335	1.372	ug/l	97
86) p-Isopropyltoluene	13.616	119	129222	1.282	ug/l	97
87) 1,3-Dichlorobenzene	13.619	146	72580	1.426	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	73386m	1.470	ug/l	
89) n-Butylbenzene	13.943	91	97627	1.161	ug/l	97
90) Hexachloroethane	14.214	117	20542	1.242	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	71728	1.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	8719	1.247	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	23872	1.119	ug/l	98
94) Hexachlorobutadiene	15.373	225	17325	1.377	ug/l	98
95) Naphthalene	15.507	128	64186	1.122	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	23060	1.129	ug/l	99

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

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