

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067329.D
 Acq On : 14 Jun 2021 18:50
 Operator : JC/MD
 Sample : M2262-07 .75PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:12 PM

Quant Time: Jun 15 04:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	341861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	667916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	586717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	225895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338553	50.201	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.400%	
35) Dibromofluoromethane	8.024	113	215665	48.550	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.100%	
50) Toluene-d8	10.443	98	811840	47.682	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.736	95	312249	44.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	2788	0.556	ug/l	91
3) Chloromethane	2.301	50	3924	0.756	ug/l	90
4) Vinyl Chloride	2.448	62	3229	0.635	ug/l #	87
5) Bromomethane	2.848	94	2604	1.206	ug/l #	78
6) Chloroethane	3.017	64	1962	0.628	ug/l	95
7) Trichlorofluoromethane	3.374	101	4139	0.586	ug/l #	79
8) Diethyl Ether	3.824	74	1914	0.666	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.224	101	2568m	0.605	ug/l	
10) Methyl Iodide	4.414	142	1967m	0.527	ug/l	
11) Tert butyl alcohol	5.409	59	3962m	3.569	ug/l	
12) 1,1-Dichloroethene	4.167	96	2620m	0.639	ug/l	
13) Acrolein	4.036	56	3592m	5.183	ug/l	
14) Allyl chloride	4.843	41	7542m	0.829	ug/l	
15) Acrylonitrile	5.570	53	7319m	3.004	ug/l	
16) Acetone	4.296	43	7959	3.075	ug/l	98
17) Carbon Disulfide	4.519	76	8660	0.654	ug/l	97
18) Methyl Acetate	4.870	43	4922	0.784	ug/l #	70
19) Methyl tert-butyl Ether	5.626	73	9378	0.570	ug/l #	86
20) Methylene Chloride	5.098	84	5216	0.969	ug/l #	83
21) trans-1,2-Dichloroethene	5.589	96	3015m	0.664	ug/l	
22) Diisopropyl ether	6.506	45	7793	0.464	ug/l #	95
23) Vinyl Acetate	6.439	43	47445	3.083	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	5387	0.572	ug/l #	85
25) 2-Butanone	7.359	43	11409	3.085	ug/l	96
26) 2,2-Dichloropropane	7.329	77	6211	0.651	ug/l	79
27) cis-1,2-Dichloroethene	7.327	96	2968	0.555	ug/l	78
28) Bromochloromethane	7.654	49	2880	0.657	ug/l #	95
29) Tetrahydrofuran	7.708	42	6801	2.917	ug/l #	89
30) Chloroform	7.820	83	6176	0.624	ug/l	98
31) Cyclohexane	8.088	56	16445	1.794	ug/l #	55
32) 1,1,1-Trichloroethane	8.008	97	5510	0.607	ug/l #	54
36) 1,1-Dichloropropene	8.223	75	4915	0.656	ug/l	87
37) Ethyl Acetate	7.429	43	6478m	0.817	ug/l	
38) Carbon Tetrachloride	8.206	117	4928	0.612	ug/l	89
39) Methylcyclohexane	9.459	83	4461	0.563	ug/l	92
40) Benzene	8.461	78	13136	0.629	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.646	41	3516	0.853	ug/l #	79
42) 1,2-Dichloroethane	8.528	62	5898	0.668	ug/l	95
43) Isopropyl Acetate	8.571	43	9757	0.685	ug/l #	59
44) Trichloroethene	9.220	130	3300	0.675	ug/l	74
45) 1,2-Dichloropropane	9.491	63	3433	0.616	ug/l #	82
46) Dibromomethane	9.577	93	2106	0.555	ug/l	90
47) Bromodichloromethane	9.770	83	4984	0.586	ug/l	86
48) Methyl methacrylate	9.566	41	4821	0.743	ug/l	88
49) 1,4-Dioxane	9.585	88	1070	12.041	ug/l #	73
51) 4-Methyl-2-Pentanone	10.333	43	23988	2.926	ug/l	95
52) Toluene	10.513	92	7693	0.585	ug/l	92
53) t-1,3-Dichloropropene	10.722	75	4996	0.530	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	5285	0.555	ug/l #	89
55) 1,1,2-Trichloroethane	10.905	97	3228	0.635	ug/l #	81
56) Ethyl methacrylate	10.762	69	5251	0.575	ug/l	93
57) 1,3-Dichloropropane	11.047	76	5472	0.590	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	5706	2.146	ug/l	99
59) 2-Hexanone	11.092	43	18992	3.162	ug/l	96
60) Dibromochloromethane	11.240	129	3047	0.548	ug/l	93
61) 1,2-Dibromoethane	11.347	107	2770	0.521	ug/l	93
64) Tetrachloroethene	10.985	164	2688	0.645	ug/l	86
65) Chlorobenzene	11.779	112	7478	0.586	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.843	131	2743	0.577	ug/l #	64
67) Ethyl Benzene	11.849	91	16001	0.634	ug/l	96
68) m/p-Xylenes	11.961	106	10744	1.197	ug/l	95
69) o-Xylene	12.288	106	5269	0.600	ug/l	93
70) Styrene	12.302	104	8492	0.582	ug/l	96
71) Bromoform	12.465	173	1829	0.503	ug/l #	71
73) Isopropylbenzene	12.586	105	13839	0.638	ug/l	97
74) N-amyl acetate	12.390	43	6946	0.656	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	4328	0.670	ug/l #	92
76) 1,2,3-Trichloropropane	12.889	75	3247m	0.554	ug/l	
77) Bromobenzene	12.870	156	3045	0.690	ug/l	98
78) n-propylbenzene	12.924	91	17252	0.669	ug/l	95
79) 2-Chlorotoluene	13.010	91	10560	0.658	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	11318	0.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.634	75	1191m	0.503	ug/l	
82) 4-Chlorotoluene	13.109	91	10514	0.658	ug/l	95
83) tert-Butylbenzene	13.329	119	8975	0.617	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	11387	0.631	ug/l	99
85) sec-Butylbenzene	13.503	105	12711	0.617	ug/l	97
86) p-Isopropyltoluene	13.621	119	10179	0.613	ug/l	96
87) 1,3-Dichlorobenzene	13.621	146	5265	0.661	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	5662m	0.707	ug/l	
89) n-Butylbenzene	13.949	91	9435	0.604	ug/l	95
90) Hexachloroethane	14.219	117	1576	0.485	ug/l	96
91) 1,2-Dichlorobenzene	13.994	146	4745	0.628	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	1398	0.865	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.268	180	2497	0.633	ug/l	92
94) Hexachlorobutadiene	15.373	225	1246	0.550	ug/l	83
95) Naphthalene	15.509	128	9385	0.781	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.711	180	2401	0.634	ug/l	94

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

