

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067642.D
 Acq On : 7 Jul 2021 18:45
 Operator : JC/MD
 Sample : M2940-07 .75PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:03:14 PM

Quant Time: Jul 08 07:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 08 07:13:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	321931	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	615214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	572603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	273645	56.243	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.480%			
35) Dibromofluoromethane	8.024	113	184650	49.677	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.360%			
50) Toluene-d8	10.443	98	773888	49.741	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.733	95	245667	44.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	1915	0.700	ug/l	86
3) Chloromethane	2.303	50	3554	0.820	ug/l	95
4) Vinyl Chloride	2.443	62	4572	0.699	ug/l	# 82
5) Bromomethane	2.853	94	6922m	1.283	ug/l	
6) Chloroethane	3.019	64	3968	0.819	ug/l	91
7) Trichlorofluoromethane	3.371	101	8690	0.716	ug/l	98
8) Diethyl Ether	3.808	74	2317m	0.890	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.199	101	2358m	0.790	ug/l	
10) Methyl Iodide	4.409	142	2036m	0.573	ug/l	
11) Tert butyl alcohol	5.388	59	2626m	3.756	ug/l	
12) 1,1-Dichloroethene	4.178	96	2006	0.701	ug/l	85
13) Acrolein	4.036	56	2296m	6.115	ug/l	
14) Allyl chloride	4.832	41	3846m	0.731	ug/l	
15) Acrylonitrile	5.570	53	5976m	3.446	ug/l	
16) Acetone	4.304	43	7291	4.762	ug/l	91
17) Carbon Disulfide	4.519	76	6000	0.757	ug/l	96
18) Methyl Acetate	4.854	43	4394m	1.022	ug/l	
19) Methyl tert-butyl Ether	5.624	73	7477m	0.630	ug/l	
20) Methylene Chloride	5.103	84	4145m	1.024	ug/l	
21) trans-1,2-Dichloroethene	5.591	96	2398	0.709	ug/l	# 60
22) Diisopropyl ether	6.503	45	7186	0.602	ug/l	# 98
23) Vinyl Acetate	6.442	43	29834m	2.922	ug/l	
24) 1,1-Dichloroethane	6.393	63	4179m	0.628	ug/l	
25) 2-Butanone	7.348	43	8417	3.311	ug/l	99
26) 2,2-Dichloropropane	7.319	77	4074m	0.700	ug/l	
27) cis-1,2-Dichloroethene	7.332	96	2593m	0.612	ug/l	
28) Bromochloromethane	7.665	49	2498m	0.769	ug/l	
29) Tetrahydrofuran	7.705	42	5718	3.420	ug/l	98
30) Chloroform	7.820	83	5093	0.681	ug/l	97
31) Cyclohexane	8.088	56	13071	1.916	ug/l	# 43
32) 1,1,1-Trichloroethane	8.013	97	3962m	0.611	ug/l	
36) 1,1-Dichloropropene	8.217	75	3698	0.647	ug/l	# 77
37) Ethyl Acetate	7.420	43	3771m	0.681	ug/l	
38) Carbon Tetrachloride	8.209	117	3521m	0.625	ug/l	
39) Methylcyclohexane	9.464	83	4124	0.659	ug/l	91
40) Benzene	8.461	78	10640	0.622	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.648	41	1946	0.684	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	4448	0.700	ug/l	89
43) Isopropyl Acetate	8.566	43	5816	0.597	ug/l #	80
44) Trichloroethene	9.223	130	2900m	0.668	ug/l	
45) 1,2-Dichloropropane	9.499	63	2573m	0.594	ug/l	
46) Dibromomethane	9.579	93	1884	0.613	ug/l	95
47) Bromodichloromethane	9.765	83	3532	0.588	ug/l #	90
48) Methyl methacrylate	9.563	41	2924	0.679	ug/l	96
49) 1,4-Dioxane	9.571	88	891	11.933	ug/l #	70
51) 4-Methyl-2-Pentanone	10.336	43	18819	3.145	ug/l	100
52) Toluene	10.507	92	6479	0.578	ug/l	92
53) t-1,3-Dichloropropene	10.722	75	3211	0.521	ug/l	90
54) cis-1,3-Dichloropropene	10.188	75	3644	0.545	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	2712	0.632	ug/l	90
56) Ethyl methacrylate	10.765	69	3388	0.512	ug/l	90
57) 1,3-Dichloropropane	11.047	76	4821	0.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	3534	2.576	ug/l	96
59) 2-Hexanone	11.089	43	13190	3.158	ug/l	97
60) Dibromochloromethane	11.242	129	2147	0.492	ug/l	93
61) 1,2-Dibromoethane	11.350	107	2377	0.542	ug/l	99
64) Tetrachloroethene	10.982	164	2710	0.670	ug/l	82
65) Chlorobenzene	11.776	112	7492	0.637	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.846	131	2016	0.487	ug/l #	63
67) Ethyl Benzene	11.846	91	13438	0.628	ug/l	93
68) m/p-Xylenes	11.956	106	9700	1.198	ug/l	78
69) o-Xylene	12.283	106	4368	0.549	ug/l	98
70) Styrene	12.299	104	6819	0.535	ug/l	93
71) Bromoform	12.460	173	1333	0.477	ug/l #	97
73) Isopropylbenzene	12.581	105	11633	0.667	ug/l	98
74) N-amyl acetate	12.390	43	4264	0.674	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.827	83	3690	0.729	ug/l #	93
76) 1,2,3-Trichloropropane	12.878	75	3375m	0.765	ug/l	
77) Bromobenzene	12.865	156	2513	0.651	ug/l	87
78) n-propylbenzene	12.924	91	13837	0.702	ug/l	96
79) 2-Chlorotoluene	13.010	91	8565	0.719	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	8987	0.636	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.637	75	508m	0.371	ug/l	
82) 4-Chlorotoluene	13.106	91	8261	0.701	ug/l	99
83) tert-Butylbenzene	13.326	119	7357	0.611	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	8882	0.642	ug/l	97
85) sec-Butylbenzene	13.503	105	10320	0.619	ug/l	98
86) p-Isopropyltoluene	13.621	119	8179	0.608	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	4993	0.697	ug/l	90
88) 1,4-Dichlorobenzene	13.699	146	5421m	0.739	ug/l	
89) n-Butylbenzene	13.943	91	7694	0.667	ug/l	99
90) Hexachloroethane	14.217	117	1039	0.465	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	4351	0.630	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	631	0.718	ug/l	79
93) 1,2,4-Trichlorobenzene	15.268	180	2403	0.807	ug/l	90
94) Hexachlorobutadiene	15.375	225	863	0.594	ug/l	75
95) Naphthalene	15.509	128	7122	0.849	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.702	180	1876	0.653	ug/l	91

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

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