

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068026.D
 Acq On : 5 Aug 2021 19:22
 Operator : JC/MD
 Sample : M2940-08 5.0PPB LOQ
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:42:43 PM

Quant Time: Aug 06 02:10:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 06 02:07:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	354070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	676235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	634327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	282917	56.443	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.880%			
35) Dibromofluoromethane	8.021	113	210249	53.349	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.700%			
50) Toluene-d8	10.443	98	859813	53.907	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.734	95	277369	50.201	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.067	85	19173	5.285	ug/l	97
3) Chloromethane	2.301	50	24668	5.474	ug/l	97
4) Vinyl Chloride	2.443	62	38858	5.526	ug/l	98
5) Bromomethane	2.829	94	36228	5.781	ug/l	98
6) Chloroethane	3.003	64	30026	5.507	ug/l	97
7) Trichlorofluoromethane	3.363	101	72304	5.675	ug/l	98
8) Diethyl Ether	3.821	74	12317	5.087	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.200	101	20200	5.500	ug/l	95
10) Methyl Iodide	4.414	142	20905	4.952	ug/l	# 90
11) Tert butyl alcohol	5.385	59	19070m	28.395	ug/l	
12) 1,1-Dichloroethene	4.170	96	18737	5.581	ug/l	84
13) Acrolein	4.033	56	6619	14.523	ug/l	87
14) Allyl chloride	4.835	41	29984	5.259	ug/l	94
15) Acrylonitrile	5.554	53	54620	29.017	ug/l	96
16) Acetone	4.291	43	45019	24.615	ug/l	91
17) Carbon Disulfide	4.521	76	48038	4.934	ug/l	100
18) Methyl Acetate	4.857	43	30675	6.504	ug/l	# 71
19) Methyl tert-butyl Ether	5.621	73	67389	5.347	ug/l	100
20) Methylene Chloride	5.098	84	29426	6.267	ug/l	91
21) trans-1,2-Dichloroethene	5.591	96	21561	5.522	ug/l	90
22) Diisopropyl ether	6.498	45	67549	5.337	ug/l	# 94
23) Vinyl Acetate	6.436	43	243271	23.085	ug/l	96
24) 1,1-Dichloroethane	6.385	63	40687	5.558	ug/l	97
25) 2-Butanone	7.343	43	71406	26.911	ug/l	99
26) 2,2-Dichloropropane	7.327	77	29837	4.661	ug/l	80
27) cis-1,2-Dichloroethene	7.327	96	25896	5.578	ug/l	82
28) Bromochloromethane	7.657	49	19147	5.484	ug/l	# 82
29) Tetrahydrofuran	7.689	42	43913	25.845	ug/l	# 86
30) Chloroform	7.817	83	45551	5.619	ug/l	99
31) Cyclohexane	8.094	56	43266	5.851	ug/l	# 86
32) 1,1,1-Trichloroethane	8.013	97	39083	5.581	ug/l	97
36) 1,1-Dichloropropene	8.222	75	32259	5.157	ug/l	97
37) Ethyl Acetate	7.413	43	25849	4.391	ug/l	95
38) Carbon Tetrachloride	8.206	117	33045	5.372	ug/l	97
39) Methylcyclohexane	9.459	83	33002	4.882	ug/l	94
40) Benzene	8.461	78	98931	5.342	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	15144	5.400	ug/l	92
42) 1,2-Dichloroethane	8.531	62	37476	5.479	ug/l	97
43) Isopropyl Acetate	8.566	43	52486	5.350	ug/l	97
44) Trichloroethene	9.220	130	24802	5.295	ug/l	86
45) 1,2-Dichloropropane	9.491	63	24233	5.252	ug/l	99
46) Dibromomethane	9.577	93	17838	5.347	ug/l	95
47) Bromodichloromethane	9.765	83	34269	5.390	ug/l	96
48) Methyl methacrylate	9.561	41	21746	5.142	ug/l	93
49) 1,4-Dioxane	9.574	88	7671	98.310	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	156604	25.885	ug/l	99
52) Toluene	10.508	92	66417	5.520	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	32445	4.918	ug/l	92
54) cis-1,3-Dichloropropene	10.191	75	36466	5.163	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	24470	5.245	ug/l	97
56) Ethyl methacrylate	10.762	69	34554	5.143	ug/l	91
57) 1,3-Dichloropropane	11.047	76	41043	5.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	27585	24.555	ug/l	95
59) 2-Hexanone	11.089	43	108901	25.073	ug/l	97
60) Dibromochloromethane	11.240	129	23531	5.071	ug/l	97
61) 1,2-Dibromoethane	11.350	107	25247	5.270	ug/l	98
64) Tetrachloroethene	10.980	164	20677	4.551	ug/l	96
65) Chlorobenzene	11.771	112	68061	5.275	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	23905	5.318	ug/l	98
67) Ethyl Benzene	11.846	91	117444	5.112	ug/l	99
68) m/p-Xylenes	11.956	106	86343	10.032	ug/l	87
69) o-Xylene	12.283	106	41895	4.960	ug/l	87
70) Styrene	12.296	104	64915	4.763	ug/l	93
71) Bromoform	12.460	173	14695	4.944	ug/l #	96
73) Isopropylbenzene	12.581	105	104406	5.364	ug/l	96
74) N-amyl acetate	12.388	43	36232	5.355	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	35751	6.078	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	29971m	6.255	ug/l	
77) Bromobenzene	12.862	156	25545	5.716	ug/l	77
78) n-propylbenzene	12.921	91	118953	5.415	ug/l	95
79) 2-Chlorotoluene	13.010	91	75650	5.651	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	85559	5.423	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	7161	4.718	ug/l	98
82) 4-Chlorotoluene	13.106	91	72968	5.429	ug/l	92
83) tert-Butylbenzene	13.326	119	71080	5.418	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	82167	5.375	ug/l	97
85) sec-Butylbenzene	13.503	105	95086	5.182	ug/l	97
86) p-Isopropyltoluene	13.619	119	72876	4.992	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	42107	5.129	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	39884	4.920	ug/l	95
89) n-Butylbenzene	13.946	91	60141	4.804	ug/l	97
90) Hexachloroethane	14.211	117	14159	5.670	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	38981	5.043	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	4995	5.319	ug/l	85
93) 1,2,4-Trichlorobenzene	15.265	180	12525	3.767	ug/l	98
94) Hexachlorobutadiene	15.373	225	8154	5.076	ug/l	97
95) Naphthalene	15.509	128	30623	3.221	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.703	180	12291	3.791	ug/l	99

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

