

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066986.D
 Acq On : 5 May 2021 14:09
 Operator : JC/MD
 Sample : VN0505WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:17 PM

Quant Time: May 06 04:49:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	718433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	1285971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	1159159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	491223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	554759	49.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.12%		
35) Dibromofluoromethane	7.514	113	406408	46.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.08%		
50) Toluene-d8	10.030	98	1608411	48.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.74%		
62) 4-Bromofluorobenzene	12.347	95	562949	49.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.98%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.834	85	157666	16.25	ug/l	98
3) Chloromethane	2.032	50	252211	18.11	ug/l	100
4) Vinyl Chloride	2.161	62	239992	17.95	ug/l	99
5) Bromomethane	2.505	94	131924	18.55	ug/l	100
6) Chloroethane	2.652	64	148625	18.86	ug/l	99
7) Trichlorofluoromethane	2.966	101	266758	16.81	ug/l	98
8) Diethyl Ether	3.357	74	117255	20.57	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.693	101	146629	18.17	ug/l	93
10) Methyl Iodide	3.886	142	207149	19.48	ug/l	96
11) Tert butyl alcohol	4.712	59	165841	103.87	ug/l #	85
12) 1,1-Dichloroethene	3.671	96	145375	18.51	ug/l #	82
13) Acrolein	3.545	56	129334	97.36	ug/l	99
14) Allyl chloride	4.248	41	314692	19.98	ug/l	91
15) Acrylonitrile	4.897	53	486901	102.75	ug/l	98
16) Acetone	3.754	43	375594	94.42	ug/l	97
17) Carbon Disulfide	3.982	76	446194	18.33	ug/l	98
18) Methyl Acetate	4.253	43	249486	21.92	ug/l	95
19) Methyl tert-butyl Ether	4.956	73	556602	19.77	ug/l	97
20) Methylene Chloride	4.468	84	194139	19.24	ug/l	87
21) trans-1,2-Dichloroethene	4.950	96	159606	18.68	ug/l	88
22) Diisopropyl ether	5.865	45	655889	20.57	ug/l	90
23) Vinyl Acetate	5.806	43	2618247	102.60	ug/l	95
24) 1,1-Dichloroethane	5.755	63	358062	19.43	ug/l	96
25) 2-Butanone	6.750	43	585360	99.80	ug/l	92
26) 2,2-Dichloropropane	6.734	77	280948	18.16	ug/l	95
27) cis-1,2-Dichloroethene	6.739	96	187327	19.13	ug/l	85
28) Bromochloromethane	7.109	49	167064	19.61	ug/l #	76
29) Tetrahydrofuran	7.131	42	408076	104.85	ug/l	91
30) Chloroform	7.292	83	324314	18.44	ug/l	97
31) Cyclohexane	7.579	56	303986	19.11	ug/l	92
32) 1,1,1-Trichloroethane	7.493	97	270683	17.84	ug/l	97
36) 1,1-Dichloropropene	7.716	75	233543	17.44	ug/l	95
37) Ethyl Acetate	6.847	43	263590	19.31	ug/l	98
38) Carbon Tetrachloride	7.697	117	226886	16.25	ug/l	99
39) Methylcyclohexane	9.016	83	269359	18.04	ug/l	90
40) Benzene	7.968	78	761545	18.11	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	120090	20.48	ug/l #	100
42) 1,2-Dichloroethane	8.053	62	258666	17.24	ug/l	99
43) Isopropyl Acetate	8.096	43	421059	19.00	ug/l #	89
44) Trichloroethene	8.772	130	157953	17.05	ug/l	92
45) 1,2-Dichloropropane	9.054	63	217776	18.54	ug/l	98
46) Dibromomethane	9.145	93	120818	17.44	ug/l	92
47) Bromodichloromethane	9.338	83	262476	17.52	ug/l	99
48) Methyl methacrylate	9.140	41	183156	18.65	ug/l	93
49) 1,4-Dioxane	9.140	88	56115	360.50	ug/l	90
51) 4-Methyl-2-Pentanone	9.923	43	1242327	96.97	ug/l	97
52) Toluene	10.094	92	438747	17.76	ug/l	98
53) t-1,3-Dichloropropene	10.325	75	284274	17.80	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	316021	17.92	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	174915	17.84	ug/l	96
56) Ethyl methacrylate	10.373	69	253312	19.90	ug/l	95
57) 1,3-Dichloropropane	10.647	76	313125	18.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	258117	109.93	ug/l	91
59) 2-Hexanone	10.695	43	705369	95.18	ug/l	99
60) Dibromochloromethane	10.843	129	184711	16.82	ug/l	100
61) 1,2-Dibromoethane	10.947	107	169503	17.74	ug/l	100
64) Tetrachloroethene	10.572	164	131692	16.62	ug/l	96
65) Chlorobenzene	11.376	112	438651	17.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	164805	17.13	ug/l	99
67) Ethyl Benzene	11.457	91	807863	18.49	ug/l	96
68) m/p-Xylenes	11.567	106	585512	36.01	ug/l	93
69) o-Xylene	11.894	106	316171	20.09	ug/l	56
70) Styrene	11.913	104	455072	19.39	ug/l	91
71) Bromoform	12.076	173	114708	16.50	ug/l #	97
73) Isopropylbenzene	12.194	105	780426	20.48	ug/l	98
74) N-amyl acetate	12.063	43	6540	0.95	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.452	83	272726	20.42	ug/l	98
76) 1,2,3-Trichloropropane	12.503	75	241663m	20.65	ug/l	
77) Bromobenzene	12.471	156	241768	26.89	ug/l	79
78) n-propylbenzene	12.538	91	860711	19.90	ug/l	96
79) 2-Chlorotoluene	12.621	91	547875	19.34	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	652655	19.63	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.256	75	59166	19.63	ug/l	91
82) 4-Chlorotoluene	12.720	91	497624	18.25	ug/l	94
83) tert-Butylbenzene	12.937	119	553770	19.85	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	621910	19.59	ug/l	100
85) sec-Butylbenzene	13.117	105	723563	19.97	ug/l	96
86) p-Isopropyltoluene	13.235	119	617418	19.83	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	281954	18.08	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	294567	18.78	ug/l	94
89) n-Butylbenzene	13.565	91	482320	20.71	ug/l	96
90) Hexachloroethane	13.817	117	122902	17.54	ug/l	99
91) 1,2-Dichlorobenzene	13.602	146	296859	19.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.227	75	45056	19.04	ug/l	74
93) 1,2,4-Trichlorobenzene	14.858	180	160137	19.41	ug/l	97
94) Hexachlorobutadiene	14.949	225	95817	18.97	ug/l	99
95) Naphthalene	15.075	128	487141	22.58	ug/l	100
96) 1,2,3-Trichlorobenzene	15.252	180	157169	19.65	ug/l	95

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

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