

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067051.D
 Acq On : 7 May 2021 15:14
 Operator : JC/MD
 Sample : VN0508WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:08 PM

Quant Time: May 07 15:51:54 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	408232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.517	114	670996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	621706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	306088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	317624	49.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.86%		
35) Dibromofluoromethane	7.512	113	225256	49.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.88%		
50) Toluene-d8	10.027	98	872040	50.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.52%		
62) 4-Bromofluorobenzene	12.347	95	309906	52.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.50%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.837	85	97304	17.65	ug/l	97
3) Chloromethane	2.038	50	136443	17.25	ug/l	99
4) Vinyl Chloride	2.164	62	132835	17.49	ug/l	97
5) Bromomethane	2.534	94	79572	19.69	ug/l	94
6) Chloroethane	2.668	64	83302	18.60	ug/l	95
7) Trichlorofluoromethane	2.977	101	168607	18.70	ug/l	98
8) Diethyl Ether	3.360	74	55232	17.05	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.698	101	83803	18.28	ug/l #	87
10) Methyl Iodide	3.888	142	70212	11.62	ug/l #	88
11) Tert butyl alcohol	4.698	59	75200	82.89	ug/l	100
12) 1,1-Dichloroethene	3.674	96	75785	16.98	ug/l	87
13) Acrolein	3.548	56	56884	75.36	ug/l	99
14) Allyl chloride	4.248	41	148360	16.58	ug/l	96
15) Acrylonitrile	4.894	53	223582	83.04	ug/l	98
16) Acetone	3.754	43	189177	83.69	ug/l	98
17) Carbon Disulfide	3.988	76	233445	16.88	ug/l	100
18) Methyl Acetate	4.256	43	114273	17.67	ug/l	97
19) Methyl tert-butyl Ether	4.961	73	286468	17.91	ug/l	98
20) Methylene Chloride	4.470	84	100560	17.54	ug/l	90
21) trans-1,2-Dichloroethene	4.953	96	86624	17.85	ug/l #	81
22) Diisopropyl ether	5.862	45	314739	17.37	ug/l	89
23) Vinyl Acetate	5.806	43	1228532	84.72	ug/l	97
24) 1,1-Dichloroethane	5.755	63	185906	17.75	ug/l	98
25) 2-Butanone	6.747	43	269745	80.93	ug/l	95
26) 2,2-Dichloropropane	6.734	77	164838	18.75	ug/l	95
27) cis-1,2-Dichloroethene	6.742	96	99399	17.87	ug/l	87
28) Bromochloromethane	7.112	49	90058	18.60	ug/l #	81
29) Tetrahydrofuran	7.128	42	181964	82.28	ug/l	97
30) Chloroform	7.289	83	181365	18.15	ug/l	99
31) Cyclohexane	7.579	56	151842	16.80	ug/l #	92
32) 1,1,1-Trichloroethane	7.493	97	159894	18.55	ug/l	97
36) 1,1-Dichloropropene	7.716	75	131202	18.77	ug/l	95
37) Ethyl Acetate	6.844	43	122055	17.14	ug/l	98
38) Carbon Tetrachloride	7.697	117	137254	18.84	ug/l	100
39) Methylcyclohexane	9.014	83	143218	18.38	ug/l	92
40) Benzene	7.968	78	401099	18.28	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	41571	13.58	ug/l #	100
42) 1,2-Dichloroethane	8.053	62	146416	18.71	ug/l	96
43) Isopropyl Acetate	8.094	43	200853	17.37	ug/l	98
44) Trichloroethene	8.772	130	91323	18.90	ug/l	95
45) 1,2-Dichloropropane	9.051	63	108757	17.74	ug/l	98
46) Dibromomethane	9.140	93	65279	18.06	ug/l	92
47) Bromodichloromethane	9.338	83	147549	18.88	ug/l	98
48) Methyl methacrylate	9.137	41	83208	16.24	ug/l	99
49) 1,4-Dioxane	9.134	88	24058	296.21	ug/l #	86
51) 4-Methyl-2-Pentanone	9.920	43	583658	87.31	ug/l	96
52) Toluene	10.092	92	238402	18.49	ug/l	97
53) t-1,3-Dichloropropene	10.322	75	150235	18.03	ug/l	95
54) cis-1,3-Dichloropropene	9.778	75	170288	18.51	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	93512	18.28	ug/l	99
56) Ethyl methacrylate	10.373	69	116185	18.12	ug/l	98
57) 1,3-Dichloropropane	10.647	76	161941	17.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	153655	125.42	ug/l	92
59) 2-Hexanone	10.695	43	317575	86.01	ug/l	98
60) Dibromochloromethane	10.840	129	105260	18.37	ug/l	100
61) 1,2-Dibromoethane	10.945	107	87126	17.48	ug/l	97
64) Tetrachloroethene	10.572	164	77452	18.23	ug/l	99
65) Chlorobenzene	11.376	112	245016	18.41	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.449	131	94926	18.39	ug/l	99
67) Ethyl Benzene	11.454	91	430719	18.38	ug/l	97
68) m/p-Xylenes	11.564	106	319796	36.67	ug/l	93
69) o-Xylene	11.891	106	153868	18.23	ug/l	99
70) Styrene	11.913	104	232207	18.68	ug/l	94
71) Bromoform	12.074	173	64271	17.23	ug/l #	98
73) Isopropylbenzene	12.194	105	406015	17.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.449	83	140829	16.92	ug/l	94
76) 1,2,3-Trichloropropane	12.500	75	123146m	16.89	ug/l	
77) Bromobenzene	12.473	156	97451	17.40	ug/l	85
78) n-propylbenzene	12.538	91	495898	18.40	ug/l	97
79) 2-Chlorotoluene	12.618	91	301583	17.08	ug/l	95
80) 1,3,5-Trimethylbenzene	12.680	105	364961	17.62	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.256	75	25881	15.43	ug/l	91
82) 4-Chlorotoluene	12.720	91	304522	17.92	ug/l	94
83) tert-Butylbenzene	12.937	119	301660	17.35	ug/l	96
84) 1,2,4-Trimethylbenzene	12.986	105	345173	17.45	ug/l	99
85) sec-Butylbenzene	13.117	105	403807	17.89	ug/l	99
86) p-Isopropyltoluene	13.235	119	356863	18.39	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	176839	18.20	ug/l	96
88) 1,4-Dichlorobenzene	13.310	146	176158	18.03	ug/l	93
89) n-Butylbenzene	13.565	91	274895	19.39	ug/l	97
90) Hexachloroethane	13.814	117	73141	16.75	ug/l	99
91) 1,2-Dichlorobenzene	13.600	146	179207	18.44	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.227	75	26403	17.90	ug/l	69
93) 1,2,4-Trichlorobenzene	14.858	180	96210	18.71	ug/l	100
94) Hexachlorobutadiene	14.949	225	60851	19.33	ug/l	99
95) Naphthalene	15.078	128	211223	15.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.255	180	88721	17.80	ug/l	97

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

