

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067002.D
 Acq On : 6 May 2021 12:10
 Operator : JC/MD
 Sample : VN0506WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:25:11 PM

Quant Time: May 07 04:05:24 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	7.587	168	455610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	754928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	687669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	301728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	344814	48.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.16%		
35) Dibromofluoromethane	7.512	113	253928	49.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.06%		
50) Toluene-d8	10.028	98	964567	49.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.82%		
62) 4-Bromofluorobenzene	12.347	95	326731	49.43	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.86%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	108193	17.58	ug/l	99
3) Chloromethane	2.035	50	152612	17.28	ug/l	98
4) Vinyl Chloride	2.164	62	147787	17.43	ug/l	99
5) Bromomethane	2.515	94	87133	19.32	ug/l	100
6) Chloroethane	2.660	64	89634	17.94	ug/l	99
7) Trichlorofluoromethane	2.974	101	186205	18.51	ug/l	99
8) Diethyl Ether	3.355	74	63274	17.51	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.698	101	93228	18.22	ug/l	95
10) Methyl Iodide	3.886	142	116154	17.22	ug/l #	89
11) Tert butyl alcohol	4.704	59	89979	88.87	ug/l #	82
12) 1,1-Dichloroethene	3.677	96	84965	17.06	ug/l	86
13) Acrolein	3.548	56	56796	67.42	ug/l	100
14) Allyl chloride	4.248	41	172554	17.27	ug/l	93
15) Acrylonitrile	4.892	53	262447	87.34	ug/l	98
16) Acetone	3.752	43	238107	94.38	ug/l	95
17) Carbon Disulfide	3.982	76	260310	16.86	ug/l	97
18) Methyl Acetate	4.251	43	134110	18.58	ug/l	97
19) Methyl tert-butyl Ether	4.951	73	326124	18.26	ug/l	99
20) Methylene Chloride	4.470	84	114136	17.84	ug/l	91
21) trans-1,2-Dichloroethene	4.948	96	97704	18.03	ug/l	83
22) Diisopropyl ether	5.862	45	364972	18.05	ug/l	92
23) Vinyl Acetate	5.806	43	1425174	88.06	ug/l	97
24) 1,1-Dichloroethane	5.755	63	209992	17.97	ug/l	97
25) 2-Butanone	6.745	43	323581	86.99	ug/l	96
26) 2,2-Dichloropropane	6.731	77	183762	18.73	ug/l	95
27) cis-1,2-Dichloroethene	6.742	96	111123	17.90	ug/l	86
28) Bromochloromethane	7.110	49	91158	16.87	ug/l	83
29) Tetrahydrofuran	7.128	42	215075	87.14	ug/l	96
30) Chloroform	7.287	83	202392	18.14	ug/l	97
31) Cyclohexane	7.576	56	177632	17.61	ug/l	91
32) 1,1,1-Trichloroethane	7.490	97	174113	18.10	ug/l	98
36) 1,1-Dichloropropene	7.716	75	144403	18.37	ug/l	94
37) Ethyl Acetate	6.844	43	137020	17.10	ug/l	99
38) Carbon Tetrachloride	7.697	117	151834	18.52	ug/l	99
39) Methylcyclohexane	9.014	83	163066	18.60	ug/l	94
40) Benzene	7.965	78	446236	18.08	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	62074m	18.03	ug/l	
42) 1,2-Dichloroethane	8.048	62	166308	18.89	ug/l	97
43) Isopropyl Acetate	8.091	43	234281	18.01	ug/l #	87
44) Trichloroethene	8.770	130	101338	18.64	ug/l	95
45) 1,2-Dichloropropane	9.051	63	123987	17.98	ug/l	100
46) Dibromomethane	9.142	93	73754	18.13	ug/l	91
47) Bromodichloromethane	9.338	83	161974	18.42	ug/l	99
48) Methyl methacrylate	9.134	41	99973	17.34	ug/l	95
49) 1,4-Dioxane	9.134	88	31300	342.53	ug/l	89
51) 4-Methyl-2-Pentanone	9.920	43	673191	89.51	ug/l	98
52) Toluene	10.092	92	266160	18.35	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	168931	18.02	ug/l	97
54) cis-1,3-Dichloropropene	9.775	75	188443	18.21	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	106064	18.43	ug/l	97
56) Ethyl methacrylate	10.371	69	139057	18.94	ug/l	98
57) 1,3-Dichloropropane	10.647	76	184747	18.11	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.633	63	114411	83.00	ug/l	93
59) 2-Hexanone	10.695	43	383456	90.23	ug/l	98
60) Dibromochloromethane	10.843	129	115553	17.93	ug/l	100
61) 1,2-Dibromoethane	10.945	107	100760	17.97	ug/l	99
64) Tetrachloroethene	10.572	164	87086	18.53	ug/l	96
65) Chlorobenzene	11.377	112	270939	18.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	106731	18.70	ug/l	98
67) Ethyl Benzene	11.454	91	477811	18.43	ug/l	99
68) m/p-Xylenes	11.567	106	350922	36.38	ug/l	91
69) o-Xylene	11.891	106	172827	18.51	ug/l	95
70) Styrene	11.913	104	267340	19.25	ug/l	96
71) Bromoform	12.074	173	73800	17.89	ug/l #	100
73) Isopropylbenzene	12.195	105	461271	19.71	ug/l	98
74) N-amyl acetate	12.055	43	9308	2.20	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.449	83	157934	19.25	ug/l	98
76) 1,2,3-Trichloropropane	12.500	75	134504m	18.71	ug/l	
77) Bromobenzene	12.471	156	108517	19.65	ug/l	87
78) n-propylbenzene	12.535	91	513047	19.31	ug/l	97
79) 2-Chlorotoluene	12.618	91	328127	18.86	ug/l	95
80) 1,3,5-Trimethylbenzene	12.677	105	399410	19.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.251	75	32108	17.99	ug/l	94
82) 4-Chlorotoluene	12.720	91	307349	18.35	ug/l	97
83) tert-Butylbenzene	12.937	119	325081	18.97	ug/l	96
84) 1,2,4-Trimethylbenzene	12.986	105	371176	19.04	ug/l	100
85) sec-Butylbenzene	13.114	105	424110	19.06	ug/l	97
86) p-Isopropyltoluene	13.235	119	357665	18.70	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	181557	18.95	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	179853	18.67	ug/l	96
89) n-Butylbenzene	13.562	91	278076	19.76	ug/l	97
90) Hexachloroethane	13.814	117	78842	18.32	ug/l	98
91) 1,2-Dichlorobenzene	13.600	146	186418	19.46	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.225	75	25138	17.29	ug/l	79
93) 1,2,4-Trichlorobenzene	14.855	180	98545	19.44	ug/l	94
94) Hexachlorobutadiene	14.949	225	63472	20.46	ug/l	98
95) Naphthalene	15.075	128	222610	16.80	ug/l	98
96) 1,2,3-Trichlorobenzene	15.255	180	86073	17.52	ug/l	93

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

