

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065837.D
 Acq On : 12 Feb 2021 14:40
 Operator : JC/MD
 Sample : VN0212WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/15/2021 1:31:54 PM

Quant Time: Feb 13 00:47:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	172097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	305190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	267532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	111966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	99466	43.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.86%		
35) Dibromofluoromethane	7.547	113	90965	50.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.60%		
50) Toluene-d8	10.055	98	343234	48.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.56%		
62) 4-Bromofluorobenzene	12.373	95	124843	48.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.54%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	44840	23.26	ug/l	99
3) Chloromethane	2.039	50	64102	22.63	ug/l	98
4) Vinyl Chloride	2.168	62	65683	22.90	ug/l	99
5) Bromomethane	2.537	94	41685	25.10	ug/l	97
6) Chloroethane	2.676	64	38267	23.06	ug/l	95
7) Trichlorofluoromethane	2.991	101	68696	22.91	ug/l	98
8) Diethyl Ether	3.377	74	32266	22.57	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.714	101	43203	23.74	ug/l	94
10) Methyl Iodide	3.904	142	65248	24.46	ug/l	96
11) Tert butyl alcohol	4.766	59	41245	97.25	ug/l #	86
12) 1,1-Dichloroethene	3.692	96	45269	21.61	ug/l	99
13) Acrolein	3.566	56	25005	81.38	ug/l	98
14) Allyl chloride	4.267	41	77167	19.87	ug/l	91
15) Acrylonitrile	4.939	53	117029	105.92	ug/l	100
16) Acetone	3.779	43	81937	92.96	ug/l	93
17) Carbon Disulfide	4.000	76	132240	20.05	ug/l	99
18) Methyl Acetate	4.287	43	49912	20.21	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	147027	21.02	ug/l	99
20) Methylene Chloride	4.496	84	53768	22.03	ug/l	98
21) trans-1,2-Dichloroethene	4.984	96	48629	21.84	ug/l	90
22) Diisopropyl ether	5.910	45	158811	20.00	ug/l	95
23) Vinyl Acetate	5.846	43	617224	97.33	ug/l	99
24) 1,1-Dichloroethane	5.791	63	91414	21.60	ug/l	98
25) 2-Butanone	6.798	43	138829	100.45	ug/l	99
26) 2,2-Dichloropropane	6.772	77	65585	19.37	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	56208	22.03	ug/l	96
28) Bromochloromethane	7.148	49	34554	19.43	ug/l	90
29) Tetrahydrofuran	7.174	42	94573	94.35	ug/l	97
30) Chloroform	7.328	83	85069	21.83	ug/l	98
31) Cyclohexane	7.608	56	85065	19.98	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	67432	21.25	ug/l	99
36) 1,1-Dichloropropene	7.746	75	68604	22.34	ug/l	97
37) Ethyl Acetate	6.888	43	59853	20.31	ug/l	95
38) Carbon Tetrachloride	7.730	117	54475	21.55	ug/l	96
39) Methylcyclohexane	9.042	83	76396	20.39	ug/l	99
40) Benzene	8.000	78	213794	22.80	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	28585	18.07	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	61692	21.82	ug/l	97
43) Isopropyl Acetate	8.129	43	98858	18.92	ug/l	93
44) Trichloroethene	8.798	130	53666	23.58	ug/l	99
45) 1,2-Dichloropropane	9.081	63	56918	22.06	ug/l	100
46) Dibromomethane	9.174	93	32793	23.00	ug/l	94
47) Bromodichloromethane	9.367	83	62541	20.45	ug/l	100
48) Methyl methacrylate	9.164	41	46922	18.93	ug/l	95
49) 1,4-Dioxane	9.167	88	19312	481.53	ug/l	95
51) 4-Methyl-2-Pentanone	9.952	43	294019	102.09	ug/l	97
52) Toluene	10.122	92	130985	23.58	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	72809	20.44	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	84544	21.31	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	49667	23.44	ug/l	97
56) Ethyl methacrylate	10.399	69	75746	21.62	ug/l #	93
57) 1,3-Dichloropropane	10.675	76	86293	23.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	126993	78.47	ug/l	96
59) 2-Hexanone	10.720	43	205833	102.94	ug/l	94
60) Dibromochloromethane	10.871	129	46245	21.35	ug/l	99
61) 1,2-Dibromoethane	10.974	107	49379	23.38	ug/l	99
64) Tetrachloroethene	10.598	164	49737	22.18	ug/l	97
65) Chlorobenzene	11.402	112	134489	24.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	45078	22.78	ug/l	96
67) Ethyl Benzene	11.479	91	241677	22.99	ug/l	98
68) m/p-Xylenes	11.592	106	181849	47.78	ug/l	98
69) o-Xylene	11.916	106	88385	23.96	ug/l	97
70) Styrene	11.933	104	143292	23.60	ug/l	99
71) Bromoform	12.097	173	28210	20.63	ug/l #	96
73) Isopropylbenzene	12.219	105	226750	23.13	ug/l	98
74) N-amyl acetate	12.042	43	80324	19.37	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.473	83	67099	23.17	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	63587m	21.72	ug/l	
77) Bromobenzene	12.495	156	52117	24.55	ug/l	85
78) n-propylbenzene	12.563	91	248736	21.53	ug/l	100
79) 2-Chlorotoluene	12.643	91	153046	22.30	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	187356	22.45	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	20961	18.34	ug/l	92
82) 4-Chlorotoluene	12.743	91	153668	21.94	ug/l	99
83) tert-Butylbenzene	12.965	119	155019	22.27	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	188335	22.62	ug/l	99
85) sec-Butylbenzene	13.141	105	199278	21.21	ug/l	99
86) p-Isopropyltoluene	13.260	119	179071	21.58	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	88436	23.37	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	86523	22.53	ug/l	95
89) n-Butylbenzene	13.585	91	146399	19.64	ug/l	99
90) Hexachloroethane	13.846	117	28873	19.89	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	88800	23.65	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	10951	19.06	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	42051	20.61	ug/l	99
94) Hexachlorobutadiene	14.977	225	18611	20.18	ug/l	98
95) Naphthalene	15.100	128	133661	20.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	42279	20.64	ug/l	98

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

