

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065796.D
 Acq On : 10 Feb 2021 14:16
 Operator : JC/MD
 Sample : VN0210WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2021 1:17:43 PM

Quant Time: Feb 11 01:25:31 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	135941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	229048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	206260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	91816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	75595	42.27	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.54%
35) Dibromofluoromethane	7.547	113	68056	50.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.28%
50) Toluene-d8	10.058	98	257312	48.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.46%
62) 4-Bromofluorobenzene	12.370	95	95032	49.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.92%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.836	85	31126	20.44	ug/l	99
3) Chloromethane	2.039	50	41714	18.64	ug/l	97
4) Vinyl Chloride	2.168	62	42056	18.56	ug/l	99
5) Bromomethane	2.537	94	28212	21.51	ug/l	100
6) Chloroethane	2.676	64	23674	18.06	ug/l	100
7) Trichlorofluoromethane	2.991	101	46018	19.43	ug/l	98
8) Diethyl Ether	3.377	74	19344	17.13	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	28658	19.94	ug/l	98
10) Methyl Iodide	3.904	142	43405	20.60	ug/l	95
11) Tert butyl alcohol	4.759	59	24819	74.09	ug/l #	89
12) 1,1-Dichloroethene	3.692	96	29482	17.82	ug/l	97
13) Acrolein	3.569	56	19358	80.11	ug/l	99
14) Allyl chloride	4.270	41	46874	15.28	ug/l	92
15) Acrylonitrile	4.936	53	70206	80.44	ug/l	98
16) Acetone	3.778	43	64745	92.99	ug/l	98
17) Carbon Disulfide	4.000	76	82670	15.87	ug/l	98
18) Methyl Acetate	4.283	43	31433	16.11	ug/l	100
19) Methyl tert-butyl Ether	5.000	73	89369	16.18	ug/l	98
20) Methylene Chloride	4.495	84	32983	17.11	ug/l	95
21) trans-1,2-Dichloroethene	4.984	96	30178	17.16	ug/l	90
22) Diisopropyl ether	5.910	45	96032	15.31	ug/l	96
23) Vinyl Acetate	5.846	43	372293	74.32	ug/l	99
24) 1,1-Dichloroethane	5.794	63	55842	16.71	ug/l	99
25) 2-Butanone	6.794	43	90558	82.95	ug/l	99
26) 2,2-Dichloropropane	6.772	77	41273	15.43	ug/l	99
27) cis-1,2-Dichloroethene	6.778	96	34257	17.00	ug/l	97
28) Bromochloromethane	7.148	49	24985	17.79	ug/l	96
29) Tetrahydrofuran	7.174	42	59029	74.55	ug/l	99
30) Chloroform	7.328	83	53203	17.28	ug/l	97
31) Cyclohexane	7.611	56	53351	15.86	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	41813	16.68	ug/l	98
36) 1,1-Dichloropropene	7.749	75	42018	18.23	ug/l	100
37) Ethyl Acetate	6.888	43	36148	16.35	ug/l	96
38) Carbon Tetrachloride	7.730	117	36367	19.17	ug/l	96
39) Methylcyclohexane	9.042	83	50280	17.88	ug/l	99
40) Benzene	8.000	78	132590	18.84	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	18850m	15.88	ug/l	
42) 1,2-Dichloroethane	8.084	62	39963	18.83	ug/l	98
43) Isopropyl Acetate	8.129	43	60854	15.52	ug/l	95
44) Trichloroethene	8.798	130	34957	20.47	ug/l	97
45) 1,2-Dichloropropane	9.081	63	34168	17.64	ug/l	100
46) Dibromomethane	9.174	93	20776	19.42	ug/l	97
47) Bromodichloromethane	9.370	83	39692	17.29	ug/l	98
48) Methyl methacrylate	9.167	41	30455	16.37	ug/l	91
49) 1,4-Dioxane	9.167	88	11749	390.34	ug/l	95
51) 4-Methyl-2-Pentanone	9.952	43	186183	86.13	ug/l	99
52) Toluene	10.122	92	82078	19.69	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	45171	16.90	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	52165	17.52	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	30970	19.47	ug/l	95
56) Ethyl methacrylate	10.399	69	45829	17.43	ug/l #	94
57) 1,3-Dichloropropane	10.675	76	55035	19.66	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.662	63	96516	79.46	ug/l	98
59) 2-Hexanone	10.724	43	132506	88.30	ug/l	97
60) Dibromochloromethane	10.871	129	29367	18.07	ug/l	96
61) 1,2-Dibromoethane	10.974	107	32056	20.22	ug/l	98
64) Tetrachloroethene	10.598	164	34297	19.84	ug/l	97
65) Chlorobenzene	11.402	112	86459	20.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	29544	19.37	ug/l	97
67) Ethyl Benzene	11.479	91	150725	18.59	ug/l	97
68) m/p-Xylenes	11.592	106	116099	39.56	ug/l	98
69) o-Xylene	11.916	106	56113	19.73	ug/l	99
70) Styrene	11.932	104	91969	19.65	ug/l	98
71) Bromoform	12.096	173	18908	17.93	ug/l #	98
73) Isopropylbenzene	12.219	105	145785	18.13	ug/l	100
74) N-amyl acetate	12.042	43	51214	15.06	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	43253	18.22	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	41479m	17.28	ug/l	
77) Bromobenzene	12.495	156	34928	20.07	ug/l	90
78) n-propylbenzene	12.559	91	162645	17.17	ug/l	99
79) 2-Chlorotoluene	12.643	91	98485	17.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	124211	18.15	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	13249	14.13	ug/l	97
82) 4-Chlorotoluene	12.743	91	100616	17.52	ug/l	98
83) tert-Butylbenzene	12.961	119	102933	18.03	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	122397	17.93	ug/l	99
85) sec-Butylbenzene	13.141	105	134116	17.41	ug/l	99
86) p-Isopropyltoluene	13.260	119	120132	17.66	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	59334	19.12	ug/l	99
88) 1,4-Dichlorobenzene	13.334	146	57799	18.36	ug/l	95
89) n-Butylbenzene	13.585	91	97799	16.00	ug/l	98
90) Hexachloroethane	13.846	117	18573	15.60	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	60482	19.65	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.238	75	7106	15.08	ug/l	99
93) 1,2,4-Trichlorobenzene	14.878	180	29034	17.88	ug/l	99
94) Hexachlorobutadiene	14.977	225	14381	19.03	ug/l	98
95) Naphthalene	15.100	128	90676	17.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	30175	18.33	ug/l	97

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

