

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065771.D
 Acq On : 9 Feb 2021 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/10/2021 10:07:54 AM

Quant Time: Feb 09 14:16:27 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	7.621	168	139331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	236030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	218206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	99357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	77801	42.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 84.88%			
35) Dibromofluoromethane	7.543	113	70376	50.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.64%			
50) Toluene-d8	10.055	98	269498	49.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.04%			
62) 4-Bromofluorobenzene	12.370	95	104059	52.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.12%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.836	85	73743	47.25	ug/l	97
3) Chloromethane	2.039	50	105806	46.13	ug/l	99
4) Vinyl Chloride	2.167	62	107230	46.17	ug/l	99
5) Bromomethane	2.528	94	69411	51.63	ug/l	98
6) Chloroethane	2.672	64	61650	45.89	ug/l	96
7) Trichlorofluoromethane	2.987	101	119492	49.21	ug/l	99
8) Diethyl Ether	3.373	74	53766	46.45	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	74786	50.76	ug/l	97
10) Methyl Iodide	3.901	142	115901	53.66	ug/l	96
11) Tert butyl alcohol	4.762	59	68965	200.86	ug/l	98
12) 1,1-Dichloroethene	3.688	96	76157	44.90	ug/l	96
13) Acrolein	3.563	56	69791	236.27	ug/l	99
14) Allyl chloride	4.267	41	131693	41.88	ug/l	90
15) Acrylonitrile	4.929	53	194689	217.65	ug/l	100
16) Acetone	3.775	43	187475	262.72	ug/l	97
17) Carbon Disulfide	3.997	76	203646	38.14	ug/l	97
18) Methyl Acetate	4.280	43	88255	44.14	ug/l	100
19) Methyl tert-butyl Ether	4.994	73	248713	43.93	ug/l	98
20) Methylene Chloride	4.495	84	89042	45.06	ug/l	100
21) trans-1,2-Dichloroethene	4.978	96	80533	44.68	ug/l	92
22) Diisopropyl ether	5.904	45	269998	42.01	ug/l	95
23) Vinyl Acetate	5.839	43	1056822	205.84	ug/l	100
24) 1,1-Dichloroethane	5.791	63	154476	45.09	ug/l	98
25) 2-Butanone	6.788	43	261380	233.60	ug/l	98
26) 2,2-Dichloropropane	6.769	77	121191	44.20	ug/l	100
27) cis-1,2-Dichloroethene	6.775	96	95573	46.27	ug/l	96
28) Bromochloromethane	7.145	49	57432	39.89	ug/l	92
29) Tetrahydrofuran	7.170	42	163433	201.38	ug/l	99
30) Chloroform	7.325	83	146845	46.53	ug/l	95
31) Cyclohexane	7.605	56	138037	40.04	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	118152	45.99	ug/l	99
36) 1,1-Dichloropropene	7.746	75	115082	48.45	ug/l	99
37) Ethyl Acetate	6.884	43	104462	45.84	ug/l	98
38) Carbon Tetrachloride	7.727	117	98979	50.62	ug/l	98
39) Methylcyclohexane	9.042	83	136143	46.98	ug/l	97
40) Benzene	7.997	78	362067	49.92	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	51937m	42.45	ug/l	
42) 1,2-Dichloroethane	8.080	62	108187	49.48	ug/l	98
43) Isopropyl Acetate	8.125	43	174535	43.20	ug/l	98
44) Trichloroethene	8.797	130	93544	53.15	ug/l	98
45) 1,2-Dichloropropane	9.080	63	98103	49.15	ug/l	99
46) Dibromomethane	9.170	93	56738	51.47	ug/l	96
47) Bromodichloromethane	9.367	83	116875	49.42	ug/l	98
48) Methyl methacrylate	9.164	41	84978	44.34	ug/l	93
49) 1,4-Dioxane	9.167	88	31729	1022.96	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	513309	230.45	ug/l	97
52) Toluene	10.119	92	228686	53.22	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	134876	48.97	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	154660	50.41	ug/l	96
55) 1,1,2-Trichloroethane	10.527	97	87117	53.16	ug/l	97
56) Ethyl methacrylate	10.395	69	131604	48.56	ug/l #	94
57) 1,3-Dichloropropane	10.672	76	151083	52.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	259706	207.49	ug/l	97
59) 2-Hexanone	10.720	43	383743	248.14	ug/l	97
60) Dibromochloromethane	10.868	129	90138	53.82	ug/l	98
61) 1,2-Dibromoethane	10.974	107	88255	54.03	ug/l	100
64) Tetrachloroethene	10.598	164	90846	49.68	ug/l	98
65) Chlorobenzene	11.402	112	243026	53.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	83167	51.54	ug/l	98
67) Ethyl Benzene	11.479	91	436077	50.85	ug/l	99
68) m/p-Xylenes	11.588	106	331404	106.75	ug/l	100
69) o-Xylene	11.916	106	160363	53.31	ug/l	98
70) Styrene	11.932	104	271438	54.82	ug/l	98
71) Bromoform	12.096	173	56729	50.85	ug/l #	99
73) Isopropylbenzene	12.219	105	420762	48.37	ug/l	100
74) N-amyl acetate	12.038	43	154455	41.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	120560	46.92	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	121268m	46.68	ug/l	
77) Bromobenzene	12.495	156	99343	52.74	ug/l	88
78) n-propylbenzene	12.559	91	480028	46.82	ug/l	100
79) 2-Chlorotoluene	12.643	91	287637	47.24	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	358759	48.44	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	42854	42.25	ug/l	92
82) 4-Chlorotoluene	12.743	91	295648	47.56	ug/l	98
83) tert-Butylbenzene	12.961	119	299696	48.52	ug/l	96
84) 1,2,4-Trimethylbenzene	13.009	105	362074	49.01	ug/l	99
85) sec-Butylbenzene	13.141	105	397641	47.69	ug/l	99
86) p-Isopropyltoluene	13.257	119	357527	48.56	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	175118	52.15	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	177600	52.12	ug/l	98
89) n-Butylbenzene	13.582	91	308973	46.71	ug/l	99
90) Hexachloroethane	13.842	117	60676	47.10	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	176029	52.84	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	21531	42.23	ug/l	96
93) 1,2,4-Trichlorobenzene	14.878	180	95155	47.33	ug/l	99
94) Hexachlorobutadiene	14.977	225	40605	49.30	ug/l	100
95) Naphthalene	15.099	128	284203	44.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	94010	47.44	ug/l	99

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

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