

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065435.D
 Acq On : 7 Jan 2021 18:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 11:03:15 AM

Quant Time: Jan 08 01:20:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.631	168	342157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	508578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	467403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	233559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	184744	47.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.66%		
35) Dibromofluoromethane	7.553	113	158609	51.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.38%		
50) Toluene-d8	10.061	98	572411	49.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.56%		
62) 4-Bromofluorobenzene	12.376	95	213534	47.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.52%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	131856	41.65	ug/l	100
3) Chloromethane	2.052	50	154825	42.97	ug/l	98
4) Vinyl Chloride	2.181	62	167826	44.77	ug/l	98
5) Bromomethane	2.525	94	121436	45.58	ug/l	98
6) Chloroethane	2.676	64	113289	46.76	ug/l	100
7) Trichlorofluoromethane	2.997	101	265628	47.36	ug/l	100
8) Diethyl Ether	3.386	74	102105	46.24	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.721	101	147828	47.00	ug/l	98
10) Methyl Iodide	3.914	142	248159	52.22	ug/l	95
11) Tert butyl alcohol	4.782	59	136333	215.71	ug/l	100
12) 1,1-Dichloroethene	3.701	96	149963	44.62	ug/l	98
13) Acrolein	3.576	56	121700	284.38	ug/l	99
14) Allyl chloride	4.277	41	236754	42.74	ug/l	94
15) Acrylonitrile	4.949	53	365645	239.40	ug/l	99
16) Acetone	3.792	43	317095	193.18	ug/l	99
17) Carbon Disulfide	4.010	76	343987	40.00	ug/l	100
18) Methyl Acetate	4.293	43	176147	50.79	ug/l	98
19) Methyl tert-butyl Ether	5.010	73	504352	47.25	ug/l	99
20) Methylene Chloride	4.509	84	166703	44.23	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	154090	46.70	ug/l	100
22) Diisopropyl ether	5.920	45	505412	45.83	ug/l	99
23) Vinyl Acetate	5.856	43	2110970	227.13	ug/l	99
24) 1,1-Dichloroethane	5.804	63	288325	47.66	ug/l	99
25) 2-Butanone	6.801	43	477404	220.15	ug/l	99
26) 2,2-Dichloropropane	6.782	77	230317	39.85	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	190224	49.54	ug/l	96
28) Bromochloromethane	7.155	49	117883	42.93	ug/l	91
29) Tetrahydrofuran	7.180	42	314683	224.41	ug/l	99
30) Chloroform	7.332	83	305345	49.04	ug/l	99
31) Cyclohexane	7.614	56	230116	40.35	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	268247	47.55	ug/l	99
36) 1,1-Dichloropropene	7.753	75	214734	46.44	ug/l	97
37) Ethyl Acetate	6.898	43	205153	44.76	ug/l	98
38) Carbon Tetrachloride	7.737	117	231915	47.75	ug/l	100
39) Methylcyclohexane	9.049	83	238045	42.84	ug/l	97
40) Benzene	8.004	78	663624	48.24	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	101597	42.60	ug/l	90
42) 1,2-Dichloroethane	8.090	62	240408	47.29	ug/l	98
43) Isopropyl Acetate	8.135	43	359249	45.48	ug/l	99
44) Trichloroethene	8.801	130	199520	50.25	ug/l	95
45) 1,2-Dichloropropane	9.087	63	173458	48.50	ug/l	100
46) Dibromomethane	9.177	93	120681	49.69	ug/l	89
47) Bromodichloromethane	9.370	83	246974	48.23	ug/l	99
48) Methyl methacrylate	9.171	41	177951	46.40	ug/l	96
49) 1,4-Dioxane	9.174	88	60363	971.23	ug/l	99
51) 4-Methyl-2-Pentanone	9.955	43	1043170	234.86	ug/l	98
52) Toluene	10.126	92	426613	49.20	ug/l	99
53) t-1,3-Dichloropropene	10.354	75	268109	46.46	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	285315	46.52	ug/l	97
55) 1,1,2-Trichloroethane	10.534	97	172255	50.21	ug/l	96
56) Ethyl methacrylate	10.402	69	256841	48.34	ug/l	95
57) 1,3-Dichloropropane	10.679	76	284276	50.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	522744	226.17	ug/l	97
59) 2-Hexanone	10.724	43	755578	231.40	ug/l	97
60) Dibromochloromethane	10.875	129	202710	49.57	ug/l	98
61) 1,2-Dibromoethane	10.978	107	186187	50.56	ug/l	99
64) Tetrachloroethene	10.602	164	217271	47.87	ug/l	95
65) Chlorobenzene	11.405	112	480092	50.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	189887	51.29	ug/l	99
67) Ethyl Benzene	11.483	91	828196	48.31	ug/l	99
68) m/p-Xylenes	11.595	106	631900	97.84	ug/l	99
69) o-Xylene	11.920	106	311757	49.72	ug/l	99
70) Styrene	11.936	104	531080	50.77	ug/l	100
71) Bromoform	12.100	173	158407	49.70	ug/l #	100
73) Isopropylbenzene	12.222	105	822243	46.22	ug/l	99
74) N-amyl acetate	12.042	43	321494	45.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.479	83	232510	48.47	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	239066m	50.17	ug/l	
77) Bromobenzene	12.499	156	233881	50.31	ug/l	88
78) n-propylbenzene	12.566	91	896349	44.63	ug/l	97
79) 2-Chlorotoluene	12.646	91	545531	46.13	ug/l	96
80) 1,3,5-Trimethylbenzene	12.708	105	695945	45.88	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	78113	41.34	ug/l	90
82) 4-Chlorotoluene	12.746	91	563458	46.27	ug/l	97
83) tert-Butylbenzene	12.968	119	604094	46.74	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	702735	47.58	ug/l	99
85) sec-Butylbenzene	13.145	105	763933	44.55	ug/l	98
86) p-Isopropyltoluene	13.261	119	708883	45.10	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	387412	49.83	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	379729	48.65	ug/l	98
89) n-Butylbenzene	13.589	91	567696	42.25	ug/l	99
90) Hexachloroethane	13.846	117	118411	43.82	ug/l	81
91) 1,2-Dichlorobenzene	13.627	146	386130	51.71	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	46467	47.03	ug/l	88
93) 1,2,4-Trichlorobenzene	14.881	180	213744	46.44	ug/l	98
94) Hexachlorobutadiene	14.981	225	124630	42.29	ug/l	100
95) Naphthalene	15.103	128	589017	48.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	201656	47.22	ug/l	98

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

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