

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067085.D
 Acq On : 14 May 2021 19:41
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 4:26:19 PM

Quant Time: May 17 15:19:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:13:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	541598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	823704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	728509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	354254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	289723	49.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.04%		
35) Dibromofluoromethane	7.522	113	265454	49.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.16%		
50) Toluene-d8	10.037	98	1018929	49.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.42%		
62) 4-Bromofluorobenzene	12.355	95	351583	51.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.40%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.852	85	247710	50.26	ug/l	100
3) Chloromethane	2.053	50	285148	47.69	ug/l	100
4) Vinyl Chloride	2.179	62	305137	51.00	ug/l	100
5) Bromomethane	2.528	94	201270	48.54	ug/l	100
6) Chloroethane	2.675	64	180797	50.75	ug/l	100
7) Trichlorofluoromethane	2.987	101	399465	51.62	ug/l	100
8) Diethyl Ether	3.370	74	171444	52.09	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.711	101	254558	51.45	ug/l	100
10) Methyl Iodide	3.901	142	424238	52.02	ug/l	100
11) Tert butyl alcohol	4.714	59	241718	247.84	ug/l	100
12) 1,1-Dichloroethene	3.692	96	254030	49.88	ug/l	100
13) Acrolein	3.563	56	72159	200.58	ug/l	100
14) Allyl chloride	4.261	41	401564	51.86	ug/l	100
15) Acrylonitrile	4.904	53	570808	263.11	ug/l	100
16) Acetone	3.764	43	463144	254.69	ug/l	100
17) Carbon Disulfide	4.000	76	684167	50.14	ug/l	100
18) Methyl Acetate	4.263	43	282285	52.63	ug/l	100
19) Methyl tert-butyl Ether	4.966	73	800481	51.95	ug/l	100
20) Methylene Chloride	4.483	84	297793	45.45	ug/l	100
21) trans-1,2-Dichloroethene	4.963	96	275136	50.58	ug/l	100
22) Diisopropyl ether	5.872	45	744481	51.35	ug/l	100
23) Vinyl Acetate	5.813	43	3384931	267.48	ug/l	100
24) 1,1-Dichloroethane	5.768	63	504665	51.45	ug/l	100
25) 2-Butanone	6.752	43	766748	270.90	ug/l	100
26) 2,2-Dichloropropane	6.741	77	443241	49.13	ug/l	100
27) cis-1,2-Dichloroethene	6.749	96	328545	50.58	ug/l	100
28) Bromochloromethane	7.117	49	210545	51.73	ug/l	100
29) Tetrahydrofuran	7.133	42	465011	264.08	ug/l	100
30) Chloroform	7.297	83	516358	51.40	ug/l	100
31) Cyclohexane	7.583	56	388999	48.26	ug/l	100
32) 1,1,1-Trichloroethane	7.500	97	462767	51.16	ug/l	100
36) 1,1-Dichloropropene	7.723	75	384790	51.21	ug/l	100
37) Ethyl Acetate	6.849	43	337097	51.29	ug/l	100
38) Carbon Tetrachloride	7.707	117	406047	50.76	ug/l	100
39) Methylcyclohexane	9.021	83	444059	50.48	ug/l	100
40) Benzene	7.975	78	1171740	51.34	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	142160	53.07	ug/l	100
42) 1,2-Dichloroethane	8.058	62	378487	51.57	ug/l	100
43) Isopropyl Acetate	8.098	43	584572	53.07	ug/l	100
44) Trichloroethene	8.777	130	338005	52.09	ug/l	100
45) 1,2-Dichloropropane	9.059	63	308313	51.67	ug/l	100
46) Dibromomethane	9.150	93	203458	51.09	ug/l	100
47) Bromodichloromethane	9.346	83	425470	51.55	ug/l	100
48) Methyl methacrylate	9.142	41	263315	56.45	ug/l	100
49) 1,4-Dioxane	9.144	88	82848	1056.99	ug/l	100
51) 4-Methyl-2-Pentanone	9.928	43	1657168	273.81	ug/l	100
52) Toluene	10.102	92	761114	51.63	ug/l	100
53) t-1,3-Dichloropropene	10.330	75	472878	53.74	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	521800	52.77	ug/l	100
55) 1,1,2-Trichloroethane	10.510	97	302843	51.71	ug/l	100
56) Ethyl methacrylate	10.378	69	444382	56.86	ug/l	100
57) 1,3-Dichloropropane	10.654	76	493143	52.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.641	63	332443	292.05	ug/l	100
59) 2-Hexanone	10.703	43	1059935	281.67	ug/l	100
60) Dibromochloromethane	10.850	129	362395	52.54	ug/l	100
61) 1,2-Dibromoethane	10.955	107	314508	53.27	ug/l	100
64) Tetrachloroethene	10.579	164	317839	49.72	ug/l	100
65) Chlorobenzene	11.384	112	845255	52.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	331685	51.50	ug/l	100
67) Ethyl Benzene	11.462	91	1433725	52.40	ug/l	100
68) m/p-Xylenes	11.574	106	1140685	107.88	ug/l	100
69) o-Xylene	11.899	106	563893	52.98	ug/l	100
70) Styrene	11.918	104	902238	54.40	ug/l	100
71) Bromoform	12.081	173	274284	54.82	ug/l #	100
73) Isopropylbenzene	12.202	105	1462586	49.43	ug/l	100
74) N-amyl acetate	12.030	43	282921	60.56	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.457	83	432674	48.29	ug/l	100
76) 1,2,3-Trichloropropane	12.508	75	385939m	52.39	ug/l	100
77) Bromobenzene	12.478	156	375848	51.07	ug/l	100
78) n-propylbenzene	12.542	91	1569237	52.42	ug/l	100
79) 2-Chlorotoluene	12.628	91	953165	52.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.687	105	1223448	49.56	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.255	75	116025	54.67	ug/l	100
82) 4-Chlorotoluene	12.727	91	946649	54.76	ug/l	100
83) tert-Butylbenzene	12.947	119	1087112	46.64	ug/l	100
84) 1,2,4-Trimethylbenzene	12.993	105	1166032	51.23	ug/l	100
85) sec-Butylbenzene	13.124	105	1427586	51.28	ug/l	100
86) p-Isopropyltoluene	13.245	119	1241508	51.39	ug/l	100
87) 1,3-Dichlorobenzene	13.237	146	633698	53.03	ug/l	100
88) 1,4-Dichlorobenzene	13.318	146	644416	51.78	ug/l	100
89) n-Butylbenzene	13.572	91	928344	52.70	ug/l	100
90) Hexachloroethane	13.827	117	222062	50.22	ug/l	100
91) 1,2-Dichlorobenzene	13.610	146	627258	51.91	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.229	75	68636	51.90	ug/l	100
93) 1,2,4-Trichlorobenzene	14.868	180	339587	54.05	ug/l	100
94) Hexachlorobutadiene	14.964	225	212319	49.07	ug/l	100
95) Naphthalene	15.088	128	748618	59.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.267	180	311861	55.79	ug/l	100

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

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