

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052121\
 Data File : VN067161.D
 Acq On : 21 May 2021 15:59
 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
 5/24/2021 3:52:50 PM

Quant Time: May 21 16:28:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 16:23:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	229604	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.525	114	441002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	398318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	161062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	177911	65.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	131.74%
35) Dibromofluoromethane	7.519	113	136660	47.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.10%
50) Toluene-d8	10.035	98	526378	48.30	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.60%
62) 4-Bromofluorobenzene	12.355	95	191630	51.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.86%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.852	85	158353	69.85	ug/l	98
3) Chloromethane	2.056	50	209088	73.91	ug/l	100
4) Vinyl Chloride	2.179	62	185779	68.19	ug/l	100
5) Bromomethane	2.523	94	98132	54.25	ug/l	97
6) Chloroethane	2.670	64	102987	64.44	ug/l	99
7) Trichlorofluoromethane	2.987	101	220075	63.79	ug/l	94
8) Diethyl Ether	3.370	74	97817	66.13	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.708	101	139636	63.38	ug/l	85
10) Methyl Iodide	3.899	142	200395	56.62	ug/l	# 90
11) Tert butyl alcohol	4.722	59	181076	380.13	ug/l	# 83
12) 1,1-Dichloroethene	3.684	96	145453	63.66	ug/l	89
13) Acrolein	3.558	56	151579	608.01	ug/l	94
14) Allyl chloride	4.258	41	309531	81.63	ug/l	# 93
15) Acrylonitrile	4.904	53	415216	399.40	ug/l	100
16) Acetone	3.767	43	371490	418.49	ug/l	97
17) Carbon Disulfide	3.998	76	448117	71.00	ug/l	99
18) Methyl Acetate	4.263	43	211957	81.52	ug/l	# 89
19) Methyl tert-butyl Ether	4.966	73	481932	68.78	ug/l	94
20) Methylene Chloride	4.483	84	170492	58.28	ug/l	# 85
21) trans-1,2-Dichloroethene	4.966	96	154819	63.63	ug/l	89
22) Diisopropyl ether	5.873	45	543305	78.68	ug/l	# 94
23) Vinyl Acetate	5.814	43	2585515	421.65	ug/l	# 92
24) 1,1-Dichloroethane	5.768	63	314267	69.95	ug/l	98
25) 2-Butanone	6.755	43	626481	446.50	ug/l	90
26) 2,2-Dichloropropane	6.742	77	259929	63.95	ug/l	98
27) cis-1,2-Dichloroethene	6.750	96	184194	63.44	ug/l	89
28) Bromochloromethane	7.117	49	149843	77.74	ug/l	# 68
29) Tetrahydrofuran	7.136	42	389069	444.93	ug/l	# 85
30) Chloroform	7.299	83	300752	66.37	ug/l	99
31) Cyclohexane	7.581	56	268291	70.04	ug/l	87
32) 1,1,1-Trichloroethane	7.498	97	262532	64.73	ug/l	96
36) 1,1-Dichloropropene	7.723	75	227613	55.58	ug/l	96
37) Ethyl Acetate	6.851	43	269685	70.04	ug/l	94
38) Carbon Tetrachloride	7.702	117	219028	51.08	ug/l	97
39) Methylcyclohexane	9.021	83	257194	53.86	ug/l	90
40) Benzene	7.973	78	704114	56.44	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	120427	76.13	ug/l #	86
42) 1,2-Dichloroethane	8.056	62	238068	58.81	ug/l	98
43) Isopropyl Acetate	8.101	43	447224	70.49	ug/l #	91
44) Trichloroethene	8.777	130	159553	46.89	ug/l	78
45) 1,2-Dichloropropane	9.059	63	192036	58.47	ug/l	96
46) Dibromomethane	9.150	93	119271	55.05	ug/l #	80
47) Bromodichloromethane	9.346	83	249673	55.59	ug/l	99
48) Methyl methacrylate	9.145	41	203883	75.31	ug/l	86
49) 1,4-Dioxane	9.145	88	53678	1233.47	ug/l #	85
51) 4-Methyl-2-Pentanone	9.928	43	1317808	373.59	ug/l	92
52) Toluene	10.099	92	433991	54.37	ug/l	98
53) t-1,3-Dichloropropene	10.330	75	276176	57.69	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	297924	55.62	ug/l #	87
55) 1,1,2-Trichloroethane	10.510	97	170699	53.95	ug/l	96
56) Ethyl methacrylate	10.378	69	272455	62.13	ug/l #	82
57) 1,3-Dichloropropane	10.655	76	291612	57.12	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.641	63	211028	334.19	ug/l	91
59) 2-Hexanone	10.700	43	870358	385.63	ug/l	92
60) Dibromochloromethane	10.850	129	175551	48.35	ug/l	100
61) 1,2-Dibromoethane	10.955	107	170656	52.93	ug/l	99
64) Tetrachloroethene	10.579	164	132908	39.57	ug/l	91
65) Chlorobenzene	11.384	112	424405	48.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.459	131	158223	45.94	ug/l	99
67) Ethyl Benzene	11.462	91	820527	54.40	ug/l	95
68) m/p-Xylenes	11.574	106	596608	104.01	ug/l	88
69) o-Xylene	11.899	106	298555	51.59	ug/l	90
70) Styrene	11.918	104	480522	53.29	ug/l	95
71) Bromoform	12.081	173	115767	44.16	ug/l #	99
73) Isopropylbenzene	12.202	105	774209	56.04	ug/l	96
74) N-amyl acetate	12.030	43	187719	74.05	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.457	83	263718	61.33	ug/l	97
76) 1,2,3-Trichloropropane	12.505	75	236170m	65.68	ug/l	
77) Bromobenzene	12.478	156	167161	50.15	ug/l	70
78) n-propylbenzene	12.543	91	894428	62.93	ug/l	94
79) 2-Chlorotoluene	12.626	91	546003	58.20	ug/l	91
80) 1,3,5-Trimethylbenzene	12.687	105	643749	55.90	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.256	75	70279	67.90	ug/l #	84
82) 4-Chlorotoluene	12.725	91	539650	65.62	ug/l	91
83) tert-Butylbenzene	12.945	119	542697	50.44	ug/l	91
84) 1,2,4-Trimethylbenzene	12.993	105	608225	57.33	ug/l	95
85) sec-Butylbenzene	13.125	105	751546	57.82	ug/l	94
86) p-Isopropyltoluene	13.243	119	607858	54.63	ug/l	95
87) 1,3-Dichlorobenzene	13.237	146	279758	51.76	ug/l	96
88) 1,4-Dichlorobenzene	13.318	146	282677	50.26	ug/l	97
89) n-Butylbenzene	13.570	91	510100	59.16	ug/l	96
90) Hexachloroethane	13.825	117	112664	54.97	ug/l	75
91) 1,2-Dichlorobenzene	13.610	146	273890	48.94	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.230	75	44241	67.71	ug/l	71
93) 1,2,4-Trichlorobenzene	14.865	180	132747	47.68	ug/l	97
94) Hexachlorobutadiene	14.962	225	69710	37.12	ug/l	97
95) Naphthalene	15.085	128	409517	68.07	ug/l	97
96) 1,2,3-Trichlorobenzene	15.265	180	126754	49.04	ug/l	97

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

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