

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066930.D
 Acq On : 4 May 2021 11:53
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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MMDadoda
 5/5/2021 5:32:56 PM

Quant Time: May 04 12:29:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 12:26:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.592	168	518689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	879803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	827763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	400325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	401809	48.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.84%		
35) Dibromofluoromethane	7.514	113	290690	48.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.24%		
50) Toluene-d8	10.030	98	1140308	50.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.78%		
62) 4-Bromofluorobenzene	12.347	95	420701	54.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	356381	50.97	ug/l	98
3) Chloromethane	2.035	50	518854	49.47	ug/l	99
4) Vinyl Chloride	2.161	62	501831	52.41	ug/l	99
5) Bromomethane	2.502	94	267083	52.54	ug/l	95
6) Chloroethane	2.652	64	291828	52.26	ug/l	99
7) Trichlorofluoromethane	2.968	101	578508	51.77	ug/l	100
8) Diethyl Ether	3.357	74	214117	51.50	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.695	101	290851	50.18	ug/l	94
10) Methyl Iodide	3.883	142	393429	51.03	ug/l #	90
11) Tert butyl alcohol	4.712	59	303452	250.41	ug/l #	86
12) 1,1-Dichloroethene	3.674	96	286832	51.23	ug/l	86
13) Acrolein	3.545	56	241821	223.65	ug/l	99
14) Allyl chloride	4.248	41	577844	51.40	ug/l	95
15) Acrylonitrile	4.897	53	899116	261.85	ug/l	98
16) Acetone	3.754	43	707654	227.24	ug/l	98
17) Carbon Disulfide	3.982	76	885011	48.76	ug/l	98
18) Methyl Acetate	4.253	43	433319	50.15	ug/l	95
19) Methyl tert-butyl Ether	4.958	73	1071447	54.21	ug/l	96
20) Methylene Chloride	4.470	84	365528	46.71	ug/l	91
21) trans-1,2-Dichloroethene	4.950	96	314302	51.64	ug/l	84
22) Diisopropyl ether	5.868	45	1204485	54.50	ug/l	96
23) Vinyl Acetate	5.806	43	4949050	272.70	ug/l	96
24) 1,1-Dichloroethane	5.758	63	674171	50.64	ug/l	96
25) 2-Butanone	6.747	43	1093199	259.35	ug/l	95
26) 2,2-Dichloropropane	6.734	77	563455	55.29	ug/l	95
27) cis-1,2-Dichloroethene	6.739	96	364092	52.60	ug/l	87
28) Bromochloromethane	7.112	49	299940	48.21	ug/l #	81
29) Tetrahydrofuran	7.131	42	747806	264.17	ug/l	95
30) Chloroform	7.292	83	641727	50.42	ug/l	96
31) Cyclohexane	7.579	56	573456	50.03	ug/l	91
32) 1,1,1-Trichloroethane	7.493	97	550848	50.48	ug/l	98
36) 1,1-Dichloropropene	7.716	75	466676	52.25	ug/l	96
37) Ethyl Acetate	6.844	43	492135	49.81	ug/l	98
38) Carbon Tetrachloride	7.699	117	477052	50.39	ug/l	99
39) Methylcyclohexane	9.016	83	537264	55.88	ug/l	92
40) Benzene	7.968	78	1464074	51.56	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	201395	48.71	ug/l #	100
42) 1,2-Dichloroethane	8.053	62	519270	51.07	ug/l	98
43) Isopropyl Acetate	8.094	43	793996	52.79	ug/l #	89
44) Trichloroethene	8.770	130	321053	51.56	ug/l	93
45) 1,2-Dichloropropane	9.051	63	407749	50.96	ug/l	99
46) Dibromomethane	9.145	93	240894	51.43	ug/l	91
47) Bromodichloromethane	9.338	83	520191	51.18	ug/l	100
48) Methyl methacrylate	9.137	41	364239	55.46	ug/l	94
49) 1,4-Dioxane	9.137	88	117437	1148.06	ug/l	92
51) 4-Methyl-2-Pentanone	9.923	43	2398734	280.87	ug/l	97
52) Toluene	10.094	92	874178	54.11	ug/l	98
53) t-1,3-Dichloropropene	10.322	75	570440	56.26	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	625977	55.68	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	345448	51.72	ug/l	97
56) Ethyl methacrylate	10.371	69	516641	62.27	ug/l	97
57) 1,3-Dichloropropane	10.647	76	618974	53.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	450050	292.67	ug/l	93
59) 2-Hexanone	10.695	43	1578675	317.63	ug/l	98
60) Dibromochloromethane	10.843	129	388665	53.73	ug/l	99
61) 1,2-Dibromoethane	10.947	107	338057	53.15	ug/l	99
64) Tetrachloroethene	10.572	164	281054	50.27	ug/l	95
65) Chlorobenzene	11.376	112	917657	53.25	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.452	131	350465	52.01	ug/l	98
67) Ethyl Benzene	11.454	91	1674507	56.84	ug/l	97
68) m/p-Xylenes	11.564	106	1265674	118.62	ug/l	95
69) o-Xylene	11.891	106	603472	57.14	ug/l	93
70) Styrene	11.910	104	980557	61.31	ug/l	95
71) Bromoform	12.074	173	262943	57.02	ug/l #	100
73) Isopropylbenzene	12.194	105	1627956	54.85	ug/l	98
74) N-amyl acetate	12.025	43	347558	61.03	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.449	83	547948	50.28	ug/l	98
76) 1,2,3-Trichloropropane	12.500	75	508678m	52.82	ug/l	
77) Bromobenzene	12.471	156	377358	54.06	ug/l	81
78) n-propylbenzene	12.535	91	1904840	58.44	ug/l	97
79) 2-Chlorotoluene	12.618	91	1171357	55.46	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	1427502	56.32	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.245	75	153978	62.23	ug/l	95
82) 4-Chlorotoluene	12.717	91	1196352	56.78	ug/l	92
83) tert-Butylbenzene	12.937	119	1203605	52.50	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	1387720	57.68	ug/l	99
85) sec-Butylbenzene	13.117	105	1574422	56.82	ug/l	98
86) p-Isopropyltoluene	13.235	119	1379939	58.17	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	666433	54.90	ug/l	96
88) 1,4-Dichlorobenzene	13.310	146	688659	51.69	ug/l	95
89) n-Butylbenzene	13.562	91	1113517	58.10	ug/l	98
90) Hexachloroethane	13.817	117	285290	48.62	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	670221	52.29	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.219	75	97256	44.85	ug/l	79
93) 1,2,4-Trichlorobenzene	14.855	180	359829	55.84	ug/l	97
94) Hexachlorobutadiene	14.949	225	208324	49.78	ug/l	99
95) Naphthalene	15.072	128	1012352	59.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.252	180	359830	57.89	ug/l	99

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

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