

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067066.D
 Acq On : 10 May 2021 12:33
 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
 5/11/2021 10:37:09 AM

Quant Time: May 11 01:44:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	351746	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.509	114	546883	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.347	117	517572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	241282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	270359	48.83	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.66%		
35) Dibromofluoromethane	7.501	113	194076	52.26	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.52%		
50) Toluene-d8	10.022	98	740934	52.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.78%		
62) 4-Bromofluorobenzene	12.345	95	266320	55.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.22%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.823	85	229718	48.35	ug/l	99
3) Chloromethane	2.024	50	300817	44.13	ug/l	97
4) Vinyl Chloride	2.150	62	309835	47.34	ug/l	100
5) Bromomethane	2.496	94	170418	48.95	ug/l	95
6) Chloroethane	2.644	64	193750	50.22	ug/l	100
7) Trichlorofluoromethane	2.958	101	408422	52.58	ug/l	99
8) Diethyl Ether	3.344	74	132542	47.50	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.682	101	203585	51.53	ug/l	94
10) Methyl Iodide	3.872	142	236997	45.51	ug/l	# 87
11) Tert butyl alcohol	4.682	59	182832	233.89	ug/l	99
12) 1,1-Dichloroethene	3.663	96	186015	48.37	ug/l	86
13) Acrolein	3.532	56	215188	330.87	ug/l	97
14) Allyl chloride	4.234	41	364077	47.21	ug/l	95
15) Acrylonitrile	4.875	53	559243	241.05	ug/l	98
16) Acetone	3.735	43	548261	281.50	ug/l	100
17) Carbon Disulfide	3.971	76	551731	46.29	ug/l	99
18) Methyl Acetate	4.232	43	286874	51.49	ug/l	98
19) Methyl tert-butyl Ether	4.937	73	709436	51.46	ug/l	97
20) Methylene Chloride	4.454	84	240611	48.70	ug/l	92
21) trans-1,2-Dichloroethene	4.937	96	210456	50.32	ug/l	86
22) Diisopropyl ether	5.846	45	761021	48.76	ug/l	92
23) Vinyl Acetate	5.787	43	3061374	245.02	ug/l	97
24) 1,1-Dichloroethane	5.744	63	440624	48.84	ug/l	98
25) 2-Butanone	6.731	43	715310	249.09	ug/l	95
26) 2,2-Dichloropropane	6.718	77	400674	52.90	ug/l	95
27) cis-1,2-Dichloroethene	6.726	96	240234	50.12	ug/l	86
28) Bromochloromethane	7.099	49	197416	47.32	ug/l	82
29) Tetrahydrofuran	7.112	42	456466	239.56	ug/l	97
30) Chloroform	7.278	83	441878	51.31	ug/l	96
31) Cyclohexane	7.565	56	358378	46.01	ug/l	93
32) 1,1,1-Trichloroethane	7.479	97	381093	51.30	ug/l	97
36) 1,1-Dichloropropene	7.707	75	308769	54.21	ug/l	96
37) Ethyl Acetate	6.825	43	289233	49.82	ug/l	98
38) Carbon Tetrachloride	7.686	117	332909	56.05	ug/l	99
39) Methylcyclohexane	9.008	83	351435	55.35	ug/l	92
40) Benzene	7.957	78	961241	53.75	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.082	41	132037m	52.94	ug/l	
42) 1,2-Dichloroethane	8.040	62	355259	55.69	ug/l	97
43) Isopropyl Acetate	8.083	43	485781	51.54	ug/l	98
44) Trichloroethene	8.759	130	210987	53.56	ug/l	94
45) 1,2-Dichloropropane	9.043	63	265758	53.20	ug/l	98
46) Dibromomethane	9.137	93	158573	53.82	ug/l	91
47) Bromodichloromethane	9.333	83	349310	54.84	ug/l	100
48) Methyl methacrylate	9.129	41	220619	52.83	ug/l	95
49) 1,4-Dioxane	9.129	88	69015	1042.58	ug/l	90
51) 4-Methyl-2-Pentanone	9.915	43	1473946	270.53	ug/l	98
52) Toluene	10.089	92	577604	54.96	ug/l	98
53) t-1,3-Dichloropropene	10.317	75	371112	54.63	ug/l	97
54) cis-1,3-Dichloropropene	9.770	75	413344	55.12	ug/l	97
55) 1,1,2-Trichloroethane	10.497	97	231186	55.45	ug/l	96
56) Ethyl methacrylate	10.368	69	318397	48.66	ug/l	97
57) 1,3-Dichloropropane	10.641	76	397283	53.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.625	63	443361	444.02	ug/l	94
59) 2-Hexanone	10.690	43	943100	238.41	ug/l	97
60) Dibromochloromethane	10.837	129	257099	55.06	ug/l	100
61) 1,2-Dibromoethane	10.942	107	220168	54.20	ug/l	99
64) Tetrachloroethene	10.569	164	185647	52.48	ug/l	96
65) Chlorobenzene	11.371	112	591400	53.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.446	131	237031	55.17	ug/l	98
67) Ethyl Benzene	11.451	91	1090267	55.88	ug/l	97
68) m/p-Xylenes	11.561	106	819336	112.86	ug/l	94
69) o-Xylene	11.889	106	388159	55.24	ug/l	95
70) Styrene	11.907	104	634749	50.57	ug/l	96
71) Bromoform	12.068	173	168211	54.18	ug/l #	98
73) Isopropylbenzene	12.192	105	1052480	56.23	ug/l	99
74) N-amyl acetate	12.020	43	193717	57.36	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.446	83	340431	51.89	ug/l	98
76) 1,2,3-Trichloropropane	12.495	75	327921m	57.05	ug/l	
77) Bromobenzene	12.468	156	243480	55.14	ug/l	84
78) n-propylbenzene	12.532	91	1240483	58.38	ug/l	98
79) 2-Chlorotoluene	12.615	91	744159	53.48	ug/l	95
80) 1,3,5-Trimethylbenzene	12.674	105	924905	56.63	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.245	75	94346	51.29	ug/l	98
82) 4-Chlorotoluene	12.715	91	763917	57.03	ug/l	93
83) tert-Butylbenzene	12.935	119	749434	54.69	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	899171	57.68	ug/l	99
85) sec-Butylbenzene	13.114	105	1020684	57.36	ug/l	99
86) p-Isopropyltoluene	13.232	119	898804	58.77	ug/l	97
87) 1,3-Dichlorobenzene	13.224	146	428538	55.95	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	427478	55.50	ug/l	98
89) n-Butylbenzene	13.559	91	732094	53.04	ug/l	98
90) Hexachloroethane	13.814	117	180422	52.42	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	425213	55.50	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.217	75	59518	51.20	ug/l	74
93) 1,2,4-Trichlorobenzene	14.855	180	212922	52.53	ug/l	99
94) Hexachlorobutadiene	14.949	225	141767	57.14	ug/l	98
95) Naphthalene	15.072	128	489014	46.14	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	203492	51.79	ug/l	100

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

