

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067142.D
 Acq On : 19 May 2021 11:03
 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

SAM
 5/20/2021 6:03:47 PM

Quant Time: May 20 01:52:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	543240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	770878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	680283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	338672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	280310	47.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.52%		
35) Dibromofluoromethane	7.519	113	268149	52.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.94%		
50) Toluene-d8	10.035	98	984969	51.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.68%		
62) 4-Bromofluorobenzene	12.355	95	347656	54.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.855	85	229499	46.43	ug/l	100
3) Chloromethane	2.059	50	263197	43.88	ug/l	98
4) Vinyl Chloride	2.182	62	289750	48.29	ug/l	99
5) Bromomethane	2.528	94	192998	46.41	ug/l	98
6) Chloroethane	2.673	64	176138	49.29	ug/l	99
7) Trichlorofluoromethane	2.989	101	401995	51.79	ug/l	97
8) Diethyl Ether	3.373	74	160272	48.55	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	248840	50.14	ug/l	97
10) Methyl Iodide	3.901	142	411523	50.31	ug/l	100
11) Tert butyl alcohol	4.722	59	224001	228.98	ug/l	100
12) 1,1-Dichloroethene	3.689	96	237890	46.57	ug/l	99
13) Acrolein	3.563	56	83803	279.10	ug/l	92
14) Allyl chloride	4.261	41	374311	47.55	ug/l	99
15) Acrylonitrile	4.904	53	541622	247.72	ug/l	99
16) Acetone	3.767	43	469647	257.48	ug/l	99
17) Carbon Disulfide	4.000	76	605605	44.25	ug/l	100
18) Methyl Acetate	4.263	43	279639	51.56	ug/l	100
19) Methyl tert-butyl Ether	4.969	73	752760	48.71	ug/l	100
20) Methylene Chloride	4.483	84	274767	46.04	ug/l	99
21) trans-1,2-Dichloroethene	4.966	96	261173	47.87	ug/l	99
22) Diisopropyl ether	5.875	45	700384	48.16	ug/l	97
23) Vinyl Acetate	5.816	43	3152528	248.36	ug/l	100
24) 1,1-Dichloroethane	5.765	63	477993	48.58	ug/l	100
25) 2-Butanone	6.755	43	738925	259.79	ug/l	99
26) 2,2-Dichloropropane	6.744	77	430343	47.56	ug/l	99
27) cis-1,2-Dichloroethene	6.750	96	315716	48.45	ug/l	98
28) Bromochloromethane	7.120	49	204774	50.16	ug/l	97
29) Tetrahydrofuran	7.136	42	443081	250.87	ug/l	100
30) Chloroform	7.297	83	489002	48.53	ug/l	97
31) Cyclohexane	7.584	56	360754	44.62	ug/l	100
32) 1,1,1-Trichloroethane	7.498	97	440105	48.51	ug/l	100
36) 1,1-Dichloropropene	7.723	75	356825	50.74	ug/l	98
37) Ethyl Acetate	6.849	43	313102	50.41	ug/l	99
38) Carbon Tetrachloride	7.704	117	397089	53.04	ug/l	97
39) Methylcyclohexane	9.021	83	415945	50.52	ug/l	98
40) Benzene	7.975	78	1097041	51.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	141198	56.32	ug/l	96
42) 1,2-Dichloroethane	8.058	62	354007	51.54	ug/l	99
43) Isopropyl Acetate	8.099	43	532707	51.68	ug/l	99
44) Trichloroethene	8.777	130	326354	53.75	ug/l	97
45) 1,2-Dichloropropane	9.056	63	287005	51.39	ug/l	99
46) Dibromomethane	9.150	93	194238	52.12	ug/l	96
47) Bromodichloromethane	9.346	83	396861	51.38	ug/l	99
48) Methyl methacrylate	9.142	41	237862	48.09	ug/l	99
49) 1,4-Dioxane	9.145	88	77440	1055.70	ug/l	99
51) 4-Methyl-2-Pentanone	9.928	43	1528425	246.73	ug/l	100
52) Toluene	10.099	92	715546	51.86	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	433941	52.70	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	480516	51.92	ug/l	99
55) 1,1,2-Trichloroethane	10.510	97	286294	52.24	ug/l	100
56) Ethyl methacrylate	10.378	69	402027	47.77	ug/l	100
57) 1,3-Dichloropropane	10.654	76	458339	52.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.638	63	312901	259.16	ug/l	98
59) 2-Hexanone	10.700	43	984092	246.43	ug/l	98
60) Dibromochloromethane	10.850	129	351543	54.46	ug/l	100
61) 1,2-Dibromoethane	10.952	107	296939	52.81	ug/l	100
64) Tetrachloroethene	10.579	164	319675	53.55	ug/l	97
65) Chlorobenzene	11.384	112	800599	52.77	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	318330	52.93	ug/l	99
67) Ethyl Benzene	11.462	91	1343711	52.59	ug/l	100
68) m/p-Xylenes	11.572	106	1084311	109.82	ug/l	97
69) o-Xylene	11.899	106	531058	53.43	ug/l	99
70) Styrene	11.918	104	846951	54.74	ug/l	99
71) Bromoform	12.081	173	275674	52.80	ug/l #	100
73) Isopropylbenzene	12.202	105	1386649	49.02	ug/l	99
74) N-amyl acetate	12.030	43	204911	43.51	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.457	83	412426	48.11	ug/l	97
76) 1,2,3-Trichloropropane	12.505	75	364321m	50.98	ug/l	
77) Bromobenzene	12.478	156	372685	52.97	ug/l	95
78) n-propylbenzene	12.545	91	1487929	52.00	ug/l	99
79) 2-Chlorotoluene	12.628	91	899329	47.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.687	105	1155111	48.94	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.253	75	113043	48.72	ug/l	94
82) 4-Chlorotoluene	12.725	91	878680	48.54	ug/l	97
83) tert-Butylbenzene	12.945	119	1040156	46.68	ug/l	99
84) 1,2,4-Trimethylbenzene	12.993	105	1097063	50.42	ug/l	99
85) sec-Butylbenzene	13.125	105	1365267	51.30	ug/l	99
86) p-Isopropyltoluene	13.243	119	1198496	51.89	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	616583	53.97	ug/l	99
88) 1,4-Dichlorobenzene	13.318	146	621941	52.27	ug/l	99
89) n-Butylbenzene	13.572	91	853461	48.73	ug/l	99
90) Hexachloroethane	13.825	117	216519	51.22	ug/l	95
91) 1,2-Dichlorobenzene	13.607	146	596006	50.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	63465	50.20	ug/l	92
93) 1,2,4-Trichlorobenzene	14.865	180	347180	57.80	ug/l	98
94) Hexachlorobutadiene	14.962	225	216511	52.34	ug/l	99
95) Naphthalene	15.085	128	694400	48.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	326622	58.95	ug/l	97

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

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