

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067118.D
 Acq On : 18 May 2021 11:02
 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
 5/19/2021 3:59:51 PM

Quant Time: May 19 02:45:52 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	552991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	798072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	715619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	344829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	290090	48.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.12%		
35) Dibromofluoromethane	7.519	113	268133	51.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.34%		
50) Toluene-d8	10.035	98	1005832	50.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.28%		
62) 4-Bromofluorobenzene	12.355	95	352332	52.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.855	85	239843	47.66	ug/l	100
3) Chloromethane	2.056	50	282042	46.20	ug/l	100
4) Vinyl Chloride	2.179	62	298769	48.91	ug/l	100
5) Bromomethane	2.523	94	196934	46.52	ug/l	98
6) Chloroethane	2.670	64	177806	48.88	ug/l	99
7) Trichlorofluoromethane	2.987	101	398686	50.45	ug/l	99
8) Diethyl Ether	3.370	74	162062	48.23	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	252818	50.05	ug/l	99
10) Methyl Iodide	3.899	142	414426	49.77	ug/l	99
11) Tert butyl alcohol	4.719	59	251140	252.19	ug/l #	84
12) 1,1-Dichloroethene	3.687	96	241910	46.53	ug/l	96
13) Acrolein	3.563	56	78179	255.13	ug/l	96
14) Allyl chloride	4.261	41	392775	49.01	ug/l	99
15) Acrylonitrile	4.907	53	570593	256.36	ug/l	98
16) Acetone	3.767	43	491933	264.94	ug/l	100
17) Carbon Disulfide	3.998	76	636284	45.67	ug/l	99
18) Methyl Acetate	4.263	43	290370	52.59	ug/l	98
19) Methyl tert-butyl Ether	4.969	73	773601	49.17	ug/l	99
20) Methylene Chloride	4.483	84	283380	46.65	ug/l	100
21) trans-1,2-Dichloroethene	4.963	96	263452	47.44	ug/l	97
22) Diisopropyl ether	5.872	45	724999	48.98	ug/l	96
23) Vinyl Acetate	5.813	43	3310414	256.20	ug/l	100
24) 1,1-Dichloroethane	5.768	63	483785	48.30	ug/l	99
25) 2-Butanone	6.752	43	787991	272.16	ug/l	98
26) 2,2-Dichloropropane	6.741	77	440288	47.80	ug/l	99
27) cis-1,2-Dichloroethene	6.749	96	323328	48.75	ug/l	98
28) Bromochloromethane	7.117	49	207454	49.92	ug/l	100
29) Tetrahydrofuran	7.133	42	477087	265.36	ug/l	97
30) Chloroform	7.297	83	500676	48.82	ug/l	100
31) Cyclohexane	7.584	56	373406	45.37	ug/l	98
32) 1,1,1-Trichloroethane	7.498	97	447235	48.43	ug/l	99
36) 1,1-Dichloropropene	7.723	75	368189	50.57	ug/l	99
37) Ethyl Acetate	6.849	43	337934	52.56	ug/l	99
38) Carbon Tetrachloride	7.704	117	396098	51.11	ug/l	100
39) Methylcyclohexane	9.021	83	430330	50.49	ug/l	97
40) Benzene	7.975	78	1127687	51.00	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	134219	51.72	ug/l #	92
42) 1,2-Dichloroethane	8.058	62	367991	51.75	ug/l	100
43) Isopropyl Acetate	8.098	43	569534	53.37	ug/l	99
44) Trichloroethene	8.774	130	326068	51.87	ug/l	99
45) 1,2-Dichloropropane	9.059	63	295081	51.04	ug/l	98
46) Dibromomethane	9.150	93	200916	52.07	ug/l	99
47) Bromodichloromethane	9.346	83	409853	51.25	ug/l	98
48) Methyl methacrylate	9.142	41	253475	49.44	ug/l	99
49) 1,4-Dioxane	9.144	88	81685	1075.62	ug/l	98
51) 4-Methyl-2-Pentanone	9.928	43	1653377	257.56	ug/l	99
52) Toluene	10.099	92	738308	51.69	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	456168	53.51	ug/l	99
54) cis-1,3-Dichloropropene	9.783	75	496210	51.79	ug/l	98
55) 1,1,2-Trichloroethane	10.510	97	297346	52.40	ug/l	100
56) Ethyl methacrylate	10.378	69	428062	49.07	ug/l	99
57) 1,3-Dichloropropane	10.654	76	483405	53.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.638	63	336547	267.46	ug/l	100
59) 2-Hexanone	10.700	43	1074512	258.71	ug/l	100
60) Dibromochloromethane	10.850	129	357991	53.57	ug/l	100
61) 1,2-Dibromoethane	10.955	107	307085	52.76	ug/l	99
64) Tetrachloroethene	10.579	164	330951	52.70	ug/l	98
65) Chlorobenzene	11.384	112	825697	51.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.456	131	326995	51.69	ug/l	100
67) Ethyl Benzene	11.462	91	1399948	52.08	ug/l	100
68) m/p-Xylenes	11.574	106	1109512	106.82	ug/l	100
69) o-Xylene	11.899	106	546014	52.22	ug/l	100
70) Styrene	11.918	104	876214	53.84	ug/l	99
71) Bromoform	12.079	173	273997	49.98	ug/l #	100
73) Isopropylbenzene	12.202	105	1427237	49.56	ug/l	100
74) N-amyl acetate	12.030	43	264032	55.06	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.457	83	410325	47.01	ug/l	98
76) 1,2,3-Trichloropropane	12.505	75	372547m	51.20	ug/l	
77) Bromobenzene	12.478	156	373373	52.12	ug/l	98
78) n-propylbenzene	12.543	91	1521130	52.21	ug/l	99
79) 2-Chlorotoluene	12.626	91	919831	47.70	ug/l	99
80) 1,3,5-Trimethylbenzene	12.687	105	1176195	48.95	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.253	75	115011	48.69	ug/l	99
82) 4-Chlorotoluene	12.725	91	905849	49.13	ug/l	99
83) tert-Butylbenzene	12.945	119	1059698	46.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.993	105	1115660	50.36	ug/l	99
85) sec-Butylbenzene	13.124	105	1394740	51.47	ug/l	100
86) p-Isopropyltoluene	13.243	119	1204505	51.22	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	626207	53.84	ug/l	100
88) 1,4-Dichlorobenzene	13.318	146	621794	51.33	ug/l	99
89) n-Butylbenzene	13.570	91	869135	48.74	ug/l	100
90) Hexachloroethane	13.827	117	218526	50.77	ug/l	97
91) 1,2-Dichlorobenzene	13.607	146	601701	49.89	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.229	75	67132	52.15	ug/l	99
93) 1,2,4-Trichlorobenzene	14.865	180	336065	54.95	ug/l	99
94) Hexachlorobutadiene	14.962	225	207114	49.18	ug/l	99
95) Naphthalene	15.085	128	708857	48.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.265	180	311913	55.29	ug/l	98

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

