

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067995.D
 Acq On : 3 Aug 2021 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:41:03 PM

Quant Time: Aug 04 03:43:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	414359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	758573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	739368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	358293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	301929	51.471	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.940%	
35) Dibromofluoromethane	8.024	113	231879	52.451	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.900%	
50) Toluene-d8	10.443	98	952983	46.963	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.920%	
62) 4-Bromofluorobenzene	12.733	95	341038	46.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	216586	51.013	ug/l	98
3) Chloromethane	2.301	50	235496	44.652	ug/l	97
4) Vinyl Chloride	2.443	62	405522	49.281	ug/l	96
5) Bromomethane	2.829	94	199115	27.151	ug/l	100
6) Chloroethane	3.003	64	308133	48.294	ug/l	99
7) Trichlorofluoromethane	3.365	101	718380	48.178	ug/l	99
8) Diethyl Ether	3.821	74	135222	47.724	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	208536	48.514	ug/l	95
10) Methyl Iodide	4.411	142	170695	31.623	ug/l	91
11) Tert butyl alcohol	5.385	59	192380	244.776	ug/l	100
12) 1,1-Dichloroethene	4.173	96	198286	50.467	ug/l	92
13) Acrolein	4.038	56	129369	242.549	ug/l	100
14) Allyl chloride	4.832	41	332919	49.894	ug/l	# 93
15) Acrylonitrile	5.556	53	585158	265.639	ug/l	99
16) Acetone	4.288	43	458056	214.011	ug/l	94
17) Carbon Disulfide	4.521	76	566262	49.694	ug/l	98
18) Methyl Acetate	4.856	43	256361	49.817	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	785347	53.247	ug/l	99
20) Methylene Chloride	5.095	84	253636	51.328	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	234165	51.242	ug/l	90
22) Diisopropyl ether	6.500	45	790740	53.384	ug/l	96
23) Vinyl Acetate	6.433	43	3417855	244.467	ug/l	96
24) 1,1-Dichloroethane	6.388	63	440987	51.480	ug/l	99
25) 2-Butanone	7.337	43	787513	253.613	ug/l	93
26) 2,2-Dichloropropane	7.327	77	346853	46.296	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	282435	51.989	ug/l	85
28) Bromochloromethane	7.659	49	212408	51.988	ug/l	# 79
29) Tetrahydrofuran	7.686	42	524942	263.998	ug/l	91
30) Chloroform	7.820	83	484999	51.121	ug/l	99
31) Cyclohexane	8.096	56	404338	46.728	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	432863	52.821	ug/l	97
36) 1,1-Dichloropropene	8.222	75	356436	50.798	ug/l	95
37) Ethyl Acetate	7.415	43	335181	50.757	ug/l	97
38) Carbon Tetrachloride	8.206	117	378097	54.792	ug/l	96
39) Methylcyclohexane	9.459	83	390624	51.513	ug/l	93
40) Benzene	8.461	78	1081707	52.073	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	174543	55.484	ug/l	95
42) 1,2-Dichloroethane	8.531	62	388655	50.656	ug/l	96
43) Isopropyl Acetate	8.563	43	597313	54.281	ug/l	96
44) Trichloroethene	9.217	130	275428	52.420	ug/l	85
45) 1,2-Dichloropropane	9.491	63	267718	51.726	ug/l	96
46) Dibromomethane	9.579	93	199549	53.327	ug/l	95
47) Bromodichloromethane	9.764	83	391405	54.882	ug/l	96
48) Methyl methacrylate	9.561	41	256719	46.938	ug/l	88
49) 1,4-Dioxane	9.571	88	88119	1006.741	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	1850477	231.718	ug/l	95
52) Toluene	10.507	92	738932	54.745	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	420775	46.629	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	429776	45.979	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	282890	54.058	ug/l	98
56) Ethyl methacrylate	10.762	69	436458	46.610	ug/l	91
57) 1,3-Dichloropropane	11.046	76	463321	54.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	432767	237.295	ug/l	92
59) 2-Hexanone	11.087	43	1301609	228.920	ug/l	92
60) Dibromochloromethane	11.240	129	303640	46.693	ug/l	99
61) 1,2-Dibromoethane	11.347	107	289865	53.935	ug/l	98
64) Tetrachloroethene	10.979	164	231965	43.805	ug/l	98
65) Chlorobenzene	11.773	112	774058	51.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	292106	48.242	ug/l	100
67) Ethyl Benzene	11.848	91	1450102	54.150	ug/l	97
68) m/p-Xylenes	11.956	106	1114633	95.467	ug/l	86
69) o-Xylene	12.283	106	546309	55.491	ug/l	85
70) Styrene	12.296	104	923258	47.681	ug/l	93
71) Bromoform	12.460	173	212764	45.422	ug/l #	99
73) Isopropylbenzene	12.581	105	1406162	48.103	ug/l	96
74) N-amyl acetate	12.390	43	515709	50.755	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	420858	47.644	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	344992m	47.945	ug/l	
77) Bromobenzene	12.865	156	322259	48.013	ug/l	75
78) n-propylbenzene	12.924	91	1630563	49.429	ug/l	96
79) 2-Chlorotoluene	13.010	91	964048	47.951	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1179890	49.797	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	109347	42.738	ug/l	94
82) 4-Chlorotoluene	13.106	91	985809	48.838	ug/l	91
83) tert-Butylbenzene	13.326	119	986699	50.083	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1180779	51.436	ug/l	92
85) sec-Butylbenzene	13.503	105	1393337	50.560	ug/l	96
86) p-Isopropyltoluene	13.618	119	1222547	55.761	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	617206	50.065	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	593343	48.737	ug/l	95
89) n-Butylbenzene	13.946	91	902651	48.013	ug/l	98
90) Hexachloroethane	14.214	117	197440	52.649	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	563959	48.581	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	70045	49.666	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	233139	45.072	ug/l	98
94) Hexachlorobutadiene	15.372	225	107113	44.405	ug/l	99
95) Naphthalene	15.509	128	679721	45.786	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	222684	45.465	ug/l	98

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

