

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067973.D
 Acq On : 29 Jul 2021 19:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 7:30:15 PM

Quant Time: Jul 30 04:45:50 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	8.088	168	391517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	716176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	681491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	329101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	288461	52.044	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.080%			
35) Dibromofluoromethane	8.021	113	223083	53.449	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.900%			
50) Toluene-d8	10.443	98	907003	47.312	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.620%			
62) 4-Bromofluorobenzene	12.733	95	319627	45.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	190769	47.553	ug/l	96
3) Chloromethane	2.301	50	238892	47.938	ug/l	99
4) Vinyl Chloride	2.443	62	381287	49.039	ug/l	96
5) Bromomethane	2.842	94	325166	46.926	ug/l	97
6) Chloroethane	3.014	64	297860	49.407	ug/l	100
7) Trichlorofluoromethane	3.368	101	696845	49.460	ug/l	100
8) Diethyl Ether	3.821	74	131136	48.983	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	196506	48.383	ug/l	96
10) Methyl Iodide	4.417	142	246322	46.651	ug/l	92
11) Tert butyl alcohol	5.388	59	188997	254.502	ug/l	99
12) 1,1-Dichloroethene	4.173	96	185662	50.010	ug/l	88
13) Acrolein	4.038	56	128103	254.187	ug/l	99
14) Allyl chloride	4.835	41	319000	50.597	ug/l	95
15) Acrylonitrile	5.556	53	547552	263.069	ug/l	99
16) Acetone	4.291	43	436833	216.003	ug/l	92
17) Carbon Disulfide	4.524	76	523855	48.655	ug/l	99
18) Methyl Acetate	4.856	43	243559	50.091	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	738181	52.970	ug/l	100
20) Methylene Chloride	5.095	84	235855	50.510	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	219091	50.741	ug/l	89
22) Diisopropyl ether	6.501	45	750035	53.590	ug/l	98
23) Vinyl Acetate	6.436	43	3207816	242.889	ug/l #	95
24) 1,1-Dichloroethane	6.385	63	417026	51.523	ug/l	98
25) 2-Butanone	7.340	43	759914	259.003	ug/l	94
26) 2,2-Dichloropropane	7.327	77	350035	49.446	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	267377	52.089	ug/l	86
28) Bromochloromethane	7.656	49	196598	50.926	ug/l #	79
29) Tetrahydrofuran	7.689	42	516071	274.679	ug/l	92
30) Chloroform	7.820	83	467648	52.168	ug/l	98
31) Cyclohexane	8.096	56	391866	47.928	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	415956	53.720	ug/l	97
36) 1,1-Dichloropropene	8.220	75	339810	51.296	ug/l	96
37) Ethyl Acetate	7.418	43	319722	51.282	ug/l	98
38) Carbon Tetrachloride	8.209	117	360756	55.374	ug/l	99
39) Methylcyclohexane	9.461	83	379900	53.065	ug/l	92
40) Benzene	8.461	78	1033751	52.710	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	163776	55.144	ug/l	93
42) 1,2-Dichloroethane	8.533	62	374805	51.743	ug/l	97
43) Isopropyl Acetate	8.563	43	565275	54.411	ug/l	96
44) Trichloroethene	9.217	130	261527	52.721	ug/l	86
45) 1,2-Dichloropropane	9.491	63	254099	52.001	ug/l	97
46) Dibromomethane	9.579	93	185634	52.545	ug/l	95
47) Bromodichloromethane	9.764	83	369702	54.908	ug/l	96
48) Methyl methacrylate	9.563	41	244746	47.376	ug/l	89
49) 1,4-Dioxane	9.571	88	84255	1019.580	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	1755793	232.814	ug/l	95
52) Toluene	10.507	92	687190	53.925	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	390066	45.837	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	411022	46.545	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	259735	52.572	ug/l	98
56) Ethyl methacrylate	10.765	69	402849	45.636	ug/l	91
57) 1,3-Dichloropropane	11.046	76	437423	54.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	363412	213.653	ug/l	93
59) 2-Hexanone	11.089	43	1230205	229.156	ug/l	94
60) Dibromochloromethane	11.242	129	277735	45.341	ug/l	98
61) 1,2-Dibromoethane	11.350	107	275187	54.235	ug/l	100
64) Tetrachloroethene	10.979	164	253300	51.896	ug/l	97
65) Chlorobenzene	11.773	112	719984	51.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	270713	48.495	ug/l	99
67) Ethyl Benzene	11.848	91	1349881	54.689	ug/l	99
68) m/p-Xylenes	11.956	106	1026370	95.377	ug/l	87
69) o-Xylene	12.286	106	500383	55.143	ug/l	87
70) Styrene	12.296	104	843708	47.295	ug/l	92
71) Bromoform	12.460	173	192768	44.717	ug/l #	98
73) Isopropylbenzene	12.581	105	1305712	48.629	ug/l	97
74) N-amyl acetate	12.390	43	457291	48.998	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	375126	46.233	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	344312m	52.095	ug/l	
77) Bromobenzene	12.862	156	291030	47.207	ug/l	78
78) n-propylbenzene	12.924	91	1478449	48.793	ug/l	94
79) 2-Chlorotoluene	13.010	91	897406	48.596	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1087906	49.988	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	108364	45.825	ug/l	95
82) 4-Chlorotoluene	13.109	91	890794	48.045	ug/l	90
83) tert-Butylbenzene	13.326	119	917087	50.679	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1093294	51.849	ug/l	94
85) sec-Butylbenzene	13.503	105	1293570	51.104	ug/l	96
86) p-Isopropyltoluene	13.618	119	1058846	52.578	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	564599	49.860	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	554114	49.552	ug/l	96
89) n-Butylbenzene	13.946	91	841564	48.734	ug/l	98
90) Hexachloroethane	14.214	117	183084	53.152	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	525583	49.291	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	66118	51.040	ug/l	75
93) 1,2,4-Trichlorobenzene	15.265	180	216224	45.486	ug/l	97
94) Hexachlorobutadiene	15.370	225	102245	46.146	ug/l	99
95) Naphthalene	15.507	128	596847	43.907	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	195846	43.633	ug/l	98

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

