

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
 Data File : VN067254.D
 Acq On : 7 Jun 2021 14:55
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:56:46 PM

Quant Time: Jun 07 15:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 15:15:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	160484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	290857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	352430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	213884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	251205	113.128	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 226.260%#	
35) Dibromofluoromethane	8.024	113	196004	109.329	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 218.660%#	
50) Toluene-d8	10.446	98	1033875	137.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 275.560%#	
62) 4-Bromofluorobenzene	12.733	95	415461	138.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 277.140%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	140921	78.586	ug/l	96
3) Chloromethane	2.301	50	191951	83.429	ug/l	100
4) Vinyl Chloride	2.443	62	444270	132.417	ug/l	100
5) Bromomethane	2.821	94	350449	134.255	ug/l	98
6) Chloroethane	2.990	64	333227	137.123	ug/l	98
7) Trichlorofluoromethane	3.357	101	939923	222.201	ug/l	96
8) Diethyl Ether	3.808	74	154080	132.112	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.197	101	116566	76.271	ug/l	85
10) Methyl Iodide	4.411	142	162833	83.868	ug/l	92
11) Tert butyl alcohol	5.398	59	162868	453.109	ug/l	# 82
12) 1,1-Dichloroethene	4.170	96	117416	76.817	ug/l	93
13) Acrolein	4.038	56	94542	602.408	ug/l	94
14) Allyl chloride	4.832	41	236254	84.801	ug/l	# 86
15) Acrylonitrile	5.559	53	385313	482.058	ug/l	99
16) Acetone	4.293	43	285428	377.271	ug/l	95
17) Carbon Disulfide	4.519	76	360999	81.010	ug/l	99
18) Methyl Acetate	4.856	43	202273	93.295	ug/l	94
19) Methyl tert-butyl Ether	5.624	73	517801	95.066	ug/l	100
20) Methylene Chloride	5.093	84	158205	83.141	ug/l	88
21) trans-1,2-Dichloroethene	5.591	96	165920	93.259	ug/l	98
22) Diisopropyl ether	6.503	45	691371	127.419	ug/l	95
23) Vinyl Acetate	6.439	43	3292751	621.170	ug/l	98
24) 1,1-Dichloroethane	6.385	63	319096	97.111	ug/l	99
25) 2-Butanone	7.343	43	631520	509.309	ug/l	94
26) 2,2-Dichloropropane	7.327	77	305904	96.806	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	210758	100.769	ug/l	96
28) Bromochloromethane	7.659	49	191454	117.413	ug/l	84
29) Tetrahydrofuran	7.689	42	443495	602.070	ug/l	97
30) Chloroform	7.817	83	400444	113.095	ug/l	100
31) Cyclohexane	8.096	56	277683	93.954	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	366479	110.505	ug/l	97
36) 1,1-Dichloropropene	8.222	75	287562	106.817	ug/l	98
37) Ethyl Acetate	7.420	43	277238	106.674	ug/l	95
38) Carbon Tetrachloride	8.206	117	316675	109.288	ug/l	99
39) Methylcyclohexane	9.461	83	334561	109.817	ug/l	100
40) Benzene	8.464	78	962469	115.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	154241	114.439	ug/l	# 86
42) 1,2-Dichloroethane	8.533	62	321819	112.589	ug/l	96
43) Isopropyl Acetate	8.566	43	540509	108.890	ug/l	95
44) Trichloroethene	9.217	130	225783	107.780	ug/l	92
45) 1,2-Dichloropropane	9.494	63	224002	107.575	ug/l	97
46) Dibromomethane	9.579	93	180663	122.308	ug/l	# 83
47) Bromodichloromethane	9.764	83	332166	110.970	ug/l	98
48) Methyl methacrylate	9.563	41	254791	118.110	ug/l	# 84
49) 1,4-Dioxane	9.577	88	85214	2529.732	ug/l	99
51) 4-Methyl-2-Pentanone	10.338	43	1990811	670.211	ug/l	93
52) Toluene	10.510	92	819367	144.305	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	463597	129.653	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	432372	121.108	ug/l	# 89
55) 1,1,2-Trichloroethane	10.902	97	280769	131.808	ug/l	99
56) Ethyl methacrylate	10.765	69	483552	139.187	ug/l	# 89
57) 1,3-Dichloropropane	11.049	76	438917	125.276	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	536646	727.698	ug/l	98
59) 2-Hexanone	11.089	43	1428733	657.201	ug/l	93
60) Dibromochloromethane	11.242	129	347469	137.876	ug/l	99
61) 1,2-Dibromoethane	11.350	107	299794	133.530	ug/l	98
64) Tetrachloroethene	10.979	164	245002	102.550	ug/l	93
65) Chlorobenzene	11.776	112	852480	112.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	321296	110.935	ug/l	99
67) Ethyl Benzene	11.848	91	1563831	111.213	ug/l	100
68) m/p-Xylenes	11.958	106	1300955	230.111	ug/l	97
69) o-Xylene	12.283	106	637793	115.709	ug/l	96
70) Styrene	12.299	104	1152933	121.571	ug/l	98
71) Bromoform	12.460	173	299396	122.801	ug/l	# 99
73) Isopropylbenzene	12.583	105	1720404	105.568	ug/l	100
74) N-amyl acetate	12.390	43	648724	100.272	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	447663	98.056	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	385655m	96.199	ug/l	
77) Bromobenzene	12.865	156	377595	102.445	ug/l	85
78) n-propylbenzene	12.924	91	1946468	102.816	ug/l	97
79) 2-Chlorotoluene	13.106	91	1237716	107.003	ug/l	96
80) 1,3,5-Trimethylbenzene	13.063	105	1504472	105.738	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	179661	107.204	ug/l	95
82) 4-Chlorotoluene	13.010	91	1134576	102.801	ug/l	99
83) tert-Butylbenzene	13.326	119	1271566	105.279	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	1498523	105.899	ug/l	97
85) sec-Butylbenzene	13.506	105	1786436	105.502	ug/l	97
86) p-Isopropyltoluene	13.618	119	1580946	105.888	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	765867	107.817	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	763839	106.270	ug/l	98
89) n-Butylbenzene	13.946	91	1350641	101.535	ug/l	97
90) Hexachloroethane	14.211	117	247887	98.066	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	739930	105.930	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	94584	101.734	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	358909	115.904	ug/l	97
94) Hexachlorobutadiene	15.370	225	153390	89.419	ug/l	99
95) Naphthalene	15.507	128	1058464	135.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	335371	122.686	ug/l	95

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

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