

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077260.D
 Acq On : 05 Apr 2023 13:16
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 05 15:45:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 15:36:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	589504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1120654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1029625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	494181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	789998	100.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 200.800%#	
35) Dibromofluoromethane	8.172	113	706827	98.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 197.380%#	
50) Toluene-d8	10.572	98	2856989	101.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 203.140%#	
62) 4-Bromofluorobenzene	12.854	95	1018730	109.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 219.540%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.131	85	711482	95.786	ug/l	99
3) Chloromethane	2.372	50	747637	83.283	ug/l	99
4) Vinyl Chloride	2.519	62	1127096	91.067	ug/l	100
5) Bromomethane	2.919	94	822047	91.849	ug/l	97
6) Chloroethane	3.107	64	748291	86.013	ug/l	97
7) Trichlorofluoromethane	3.496	101	985490	90.049	ug/l	93
8) Diethyl Ether	3.972	74	418493	91.465	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	603881	92.970	ug/l	99
10) Methyl Iodide	4.596	142	779012	98.835	ug/l	95
11) Tert butyl alcohol	5.531	59	733547	458.331	ug/l	100
12) 1,1-Dichloroethene	4.343	96	623759	90.708	ug/l	96
13) Acrolein	4.190	56	720671	474.455	ug/l	97
14) Allyl chloride	5.031	41	902083	89.325	ug/l	97
15) Acrylonitrile	5.725	53	1740693	489.510	ug/l	100
16) Acetone	4.437	43	1261728	432.461	ug/l	100
17) Carbon Disulfide	4.719	76	1750950	94.254	ug/l	97
18) Methyl Acetate	5.037	43	1045985	90.849	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	2340687	97.094	ug/l	100
20) Methylene Chloride	5.284	84	731614	87.724	ug/l	96
21) trans-1,2-Dichloroethene	5.790	96	720996	96.219	ug/l	99
22) Diisopropyl ether	6.678	45	2008634	98.103	ug/l	98
23) Vinyl Acetate	6.613	43	7032743	488.328	ug/l	100
24) 1,1-Dichloroethane	6.578	63	1263638	95.526	ug/l	99
25) 2-Butanone	7.489	43	2219136	477.642	ug/l	98
26) 2,2-Dichloropropane	7.495	77	1179461	94.281	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	863639	96.017	ug/l	100
28) Bromochloromethane	7.819	49	470636	91.215	ug/l	99
29) Tetrahydrofuran	7.842	42	1429676	470.611	ug/l	99
30) Chloroform	7.972	83	1334472	92.496	ug/l	98
31) Cyclohexane	8.260	56	1066705	87.992	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	1222008	95.158	ug/l	97
36) 1,1-Dichloropropene	8.378	75	1008889	96.255	ug/l	99
37) Ethyl Acetate	7.566	43	885374	96.540	ug/l	98
38) Carbon Tetrachloride	8.366	117	1039578	96.805	ug/l	98
39) Methylcyclohexane	9.607	83	1353169	94.903	ug/l	98
40) Benzene	8.613	78	3072656	94.543	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	491379	95.808	ug/l	99
42) 1,2-Dichloroethane	8.672	62	984978	98.041	ug/l	99
43) Isopropyl Acetate	8.695	43	1594633	93.068	ug/l	99
44) Trichloroethene	9.354	130	744683	95.300	ug/l	98
45) 1,2-Dichloropropane	9.625	63	767199	96.003	ug/l	99
46) Dibromomethane	9.713	93	552572	94.017	ug/l	99
47) Bromodichloromethane	9.889	83	1084038	93.399	ug/l	98
48) Methyl methacrylate	9.683	41	696850	93.003	ug/l	99
49) 1,4-Dioxane	9.701	88	340592	1922.612	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	4813220	481.758	ug/l	99
52) Toluene	10.636	92	2093959	98.121	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	1291689	102.173	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	1335712	98.238	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	784979	92.728	ug/l	98
56) Ethyl methacrylate	10.877	69	1314169	98.884	ug/l	99
57) 1,3-Dichloropropane	11.166	76	1326219	97.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	2077570	528.220	ug/l	99
59) 2-Hexanone	11.201	43	3551961	488.481	ug/l	100
60) Dibromochloromethane	11.360	129	867182	98.510	ug/l	99
61) 1,2-Dibromoethane	11.472	107	818123	97.800	ug/l	100
64) Tetrachloroethene	11.107	164	586784	91.895	ug/l	98
65) Chlorobenzene	11.895	112	2174405	95.448	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	789163	94.732	ug/l	100
67) Ethyl Benzene	11.966	91	4046773	98.143	ug/l	97
68) m/p-Xylenes	12.072	106	3159944	196.835	ug/l	99
69) o-Xylene	12.401	106	1593433	98.278	ug/l	100
70) Styrene	12.413	104	2666325	104.442	ug/l	99
71) Bromoform	12.583	173	605246	98.289	ug/l	99
73) Isopropylbenzene	12.701	105	4071485	86.090	ug/l	99
74) N-amyl acetate	12.495	43	1528603	87.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	1247866	97.827	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	1236856m	101.181	ug/l	
77) Bromobenzene	12.983	156	841930	86.827	ug/l	98
78) n-propylbenzene	13.036	91	4732950	91.280	ug/l	99
79) 2-Chlorotoluene	13.130	91	2758408	86.110	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	3437522	91.190	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	438346m	86.092	ug/l	
82) 4-Chlorotoluene	13.224	91	2720982	92.302	ug/l	99
83) tert-Butylbenzene	13.442	119	2907836	85.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	3423207	93.379	ug/l	99
85) sec-Butylbenzene	13.618	105	4326209	91.690	ug/l	99
86) p-Isopropyltoluene	13.730	119	3550480	96.579	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	1670613	93.560	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	1655513	95.030	ug/l	99
89) n-Butylbenzene	14.060	91	3138743	103.482	ug/l	99
90) Hexachloroethane	14.336	117	712379	88.853	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	1670843	94.268	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	253181	89.018	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	803798	99.900	ug/l	99
94) Hexachlorobutadiene	15.465	225	329381	91.319	ug/l	98
95) Naphthalene	15.589	128	3063194	99.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	758365	99.815	ug/l	99

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

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