

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076523.D
 Acq On : 02 Feb 2023 20:28
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 03 01:07:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	490917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	842768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	763826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	379497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	319375	58.103	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.200%	
35) Dibromofluoromethane	8.171	113	277750	52.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	10.570	98	996351	51.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.853	95	375471	59.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	211730	42.087	ug/l	99
3) Chloromethane	2.377	50	250445	48.083	ug/l	96
4) Vinyl Chloride	2.530	62	232351	36.380	ug/l	98
5) Bromomethane	2.947	94	153925	29.430	ug/l	98
6) Chloroethane	3.124	64	142362	29.726	ug/l	98
7) Trichlorofluoromethane	3.506	101	420270	47.830	ug/l	100
8) Diethyl Ether	3.971	74	163135	55.353	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	233418	46.926	ug/l	98
10) Methyl Iodide	4.600	142	364601	47.987	ug/l	98
11) Tert butyl alcohol	5.535	59	212692	289.290	ug/l	98
12) 1,1-Dichloroethene	4.353	96	220082	46.805	ug/l	92
13) Acrolein	4.194	56	219207	249.310	ug/l	100
14) Allyl chloride	5.036	41	289693	52.868	ug/l	91
15) Acrylonitrile	5.735	53	585671	279.929	ug/l	99
16) Acetone	4.441	43	449730	255.228	ug/l	100
17) Carbon Disulfide	4.730	76	458943	39.199	ug/l	96
18) Methyl Acetate	5.041	43	336505	56.350	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	867129	56.646	ug/l	99
20) Methylene Chloride	5.288	84	273398	52.464	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	236339	46.396	ug/l	95
22) Diisopropyl ether	6.682	45	764764	59.182	ug/l	96
23) Vinyl Acetate	6.618	43	2426067	290.494	ug/l	98
24) 1,1-Dichloroethane	6.582	63	463636	53.826	ug/l	98
25) 2-Butanone	7.494	43	721618	268.137	ug/l	97
26) 2,2-Dichloropropane	7.494	77	347087	47.810	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	303717	51.120	ug/l	97
28) Bromochloromethane	7.824	49	205295	58.802	ug/l	95
29) Tetrahydrofuran	7.847	42	475943	286.543	ug/l	97
30) Chloroform	7.971	83	513215	53.847	ug/l	96
31) Cyclohexane	8.259	56	362466	42.927	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	453510	52.117	ug/l	98
36) 1,1-Dichloropropene	8.377	75	334171	44.608	ug/l	99
37) Ethyl Acetate	7.565	43	302375	50.323	ug/l	99
38) Carbon Tetrachloride	8.371	117	382979	45.845	ug/l	99
39) Methylcyclohexane	9.606	83	397055	43.403	ug/l	97
40) Benzene	8.612	78	1069380	47.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	166705	52.988	ug/l	98
42) 1,2-Dichloroethane	8.676	62	382942	49.966	ug/l	100
43) Isopropyl Acetate	8.694	43	552033	56.475	ug/l	97
44) Trichloroethene	9.359	130	270160	42.643	ug/l	99
45) 1,2-Dichloropropane	9.623	63	269986	50.342	ug/l	97
46) Dibromomethane	9.712	93	197332	48.734	ug/l	96
47) Bromodichloromethane	9.894	83	410686	52.294	ug/l	98
48) Methyl methacrylate	9.682	41	249409	53.896	ug/l	92
49) 1,4-Dioxane	9.700	88	107148	1097.329	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1558974	271.683	ug/l	99
52) Toluene	10.635	92	704672	47.042	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	411134	54.917	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	448749	52.102	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	293137	51.196	ug/l	100
56) Ethyl methacrylate	10.876	69	435979	58.979	ug/l #	94
57) 1,3-Dichloropropane	11.165	76	479542	51.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	673844	270.024	ug/l	98
59) 2-Hexanone	11.200	43	1112522	267.547	ug/l	97
60) Dibromochloromethane	11.359	129	325881	54.067	ug/l	100
61) 1,2-Dibromoethane	11.470	107	290686	50.862	ug/l	99
64) Tetrachloroethene	11.106	164	247125	35.876	ug/l	95
65) Chlorobenzene	11.894	112	750188	46.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	301896	50.254	ug/l	99
67) Ethyl Benzene	11.964	91	1369183	49.547	ug/l	99
68) m/p-Xylenes	12.070	106	1065476	96.155	ug/l	97
69) o-Xylene	12.400	106	539009	49.533	ug/l	98
70) Styrene	12.412	104	896707	51.609	ug/l	98
71) Bromoform	12.582	173	230355	53.097	ug/l #	100
73) Isopropylbenzene	12.700	105	1406826	47.920	ug/l	99
74) N-amyl acetate	12.494	43	458020	54.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	421508	49.944	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	371541m	53.814	ug/l	
77) Bromobenzene	12.982	156	325221	47.353	ug/l	92
78) n-propylbenzene	13.041	91	1576195	47.582	ug/l	99
79) 2-Chlorotoluene	13.129	91	972960	47.865	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1198932	48.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	113413	49.724	ug/l	98
82) 4-Chlorotoluene	13.129	91	972960	47.865	ug/l	97
83) tert-Butylbenzene	13.441	119	1060093	48.462	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1218852	49.422	ug/l	99
85) sec-Butylbenzene	13.617	105	1495724	49.277	ug/l	99
86) p-Isopropyltoluene	13.729	119	1255979	50.320	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	612754	44.283	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	603322	45.843	ug/l	99
89) n-Butylbenzene	14.058	91	994071	50.170	ug/l	99
90) Hexachloroethane	14.335	117	209649	48.666	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	615079	44.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	76382	52.066	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	285945	43.123	ug/l	98
94) Hexachlorobutadiene	15.505	225	151914	41.537	ug/l	97
95) Naphthalene	15.641	128	894677	45.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	281222	44.434	ug/l	99

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

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