

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076784.D
 Acq On : 23 Feb 2023 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 24 01:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	527807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	271718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208953	52.455	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.920%	
35) Dibromofluoromethane	8.172	113	167591	48.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.980%	
50) Toluene-d8	10.566	98	668923	51.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.848	95	239347	55.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	151235	49.373	ug/l	92
3) Chloromethane	2.378	50	179635	44.949	ug/l	99
4) Vinyl Chloride	2.525	62	182653	46.439	ug/l	100
5) Bromomethane	2.948	94	124027	52.042	ug/l	98
6) Chloroethane	3.119	64	132866	53.452	ug/l	99
7) Trichlorofluoromethane	3.507	101	249745	46.667	ug/l	99
8) Diethyl Ether	3.972	74	107419	52.091	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	155411	49.423	ug/l	97
10) Methyl Iodide	4.601	142	200596	51.657	ug/l	94
11) Tert butyl alcohol	5.531	59	135797	258.267	ug/l	98
12) 1,1-Dichloroethene	4.354	96	141099	47.387	ug/l	93
13) Acrolein	4.190	56	182838	231.619	ug/l	98
14) Allyl chloride	5.031	41	259082	50.217	ug/l	98
15) Acrylonitrile	5.731	53	485814	260.346	ug/l	98
16) Acetone	4.437	43	440825	247.744	ug/l	94
17) Carbon Disulfide	4.719	76	347168	44.159	ug/l #	92
18) Methyl Acetate	5.037	43	313825	54.032	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	556537	55.438	ug/l	96
20) Methylene Chloride	5.284	84	182353	48.899	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	160140	47.777	ug/l	89
22) Diisopropyl ether	6.678	45	681885	56.349	ug/l	94
23) Vinyl Acetate	6.607	43	2227307	311.087	ug/l	97
24) 1,1-Dichloroethane	6.578	63	333659	50.310	ug/l	94
25) 2-Butanone	7.489	43	686411	261.521	ug/l	98
26) 2,2-Dichloropropane	7.489	77	260164	54.386	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	199554	50.196	ug/l	96
28) Bromochloromethane	7.819	49	168637	53.426	ug/l	94
29) Tetrahydrofuran	7.842	42	455715	265.748	ug/l	100
30) Chloroform	7.966	83	346737	52.328	ug/l	93
31) Cyclohexane	8.266	56	306921	49.118	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	290380	52.120	ug/l	97
36) 1,1-Dichloropropene	8.372	75	253121	50.684	ug/l	99
37) Ethyl Acetate	7.566	43	288780	54.959	ug/l	98
38) Carbon Tetrachloride	8.366	117	245053	48.641	ug/l	98
39) Methylcyclohexane	9.601	83	305892	53.885	ug/l	97
40) Benzene	8.613	78	777156	50.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	164867	54.162	ug/l	99
42) 1,2-Dichloroethane	8.677	62	268920	50.276	ug/l	100
43) Isopropyl Acetate	8.689	43	456313	53.369	ug/l	99
44) Trichloroethene	9.354	130	183012	50.498	ug/l	98
45) 1,2-Dichloropropane	9.624	63	210785	51.920	ug/l	97
46) Dibromomethane	9.713	93	140197	54.016	ug/l	94
47) Bromodichloromethane	9.889	83	279702	53.751	ug/l #	96
48) Methyl methacrylate	9.683	41	218707	53.905	ug/l	99
49) 1,4-Dioxane	9.695	88	75549	1076.452	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1488424	273.605	ug/l	100
52) Toluene	10.630	92	511620	55.255	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	299503	59.631	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	322884	55.733	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	201902	53.625	ug/l	98
56) Ethyl methacrylate	10.877	69	309818	58.459	ug/l	100
57) 1,3-Dichloropropane	11.166	76	355742	54.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	608372	250.654	ug/l	97
59) 2-Hexanone	11.195	43	1079415	275.189	ug/l	99
60) Dibromochloromethane	11.360	129	213256	53.742	ug/l	98
61) 1,2-Dibromoethane	11.471	107	200794	53.280	ug/l	97
64) Tetrachloroethene	11.107	164	152340	47.843	ug/l	92
65) Chlorobenzene	11.895	112	532416	49.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	199041	51.175	ug/l	97
67) Ethyl Benzene	11.965	91	978103	53.616	ug/l	97
68) m/p-Xylenes	12.071	106	778831	110.758	ug/l	99
69) o-Xylene	12.401	106	377398	55.030	ug/l	99
70) Styrene	12.413	104	644941	58.156	ug/l	99
71) Bromoform	12.577	173	156760	54.946	ug/l #	94
73) Isopropylbenzene	12.695	105	996394	50.030	ug/l	99
74) N-amyl acetate	12.495	43	436173	48.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	318617	44.197	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	258794m	47.110	ug/l	
77) Bromobenzene	12.983	156	233025	46.896	ug/l	100
78) n-propylbenzene	13.036	91	1214677	51.939	ug/l	98
79) 2-Chlorotoluene	13.124	91	695148	48.546	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	843912	51.273	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	105942	56.170	ug/l #	79
82) 4-Chlorotoluene	13.124	91	695148	48.546	ug/l	99
83) tert-Butylbenzene	13.442	119	753535	50.608	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	855876	52.176	ug/l	98
85) sec-Butylbenzene	13.618	105	1107886	53.294	ug/l	99
86) p-Isopropyltoluene	13.730	119	925520	55.754	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	464042	49.404	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	460604	49.243	ug/l	98
89) n-Butylbenzene	14.059	91	795150	55.074	ug/l	99
90) Hexachloroethane	14.336	117	166808	47.992	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	456131	47.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	53629	38.398	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	235313	48.989	ug/l	99
94) Hexachlorobutadiene	15.506	225	112262	47.686	ug/l	98
95) Naphthalene	15.642	128	745772	51.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	235861	50.683	ug/l	99

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

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