

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085736.D
 Acq On : 11 Feb 2025 11:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 11 23:14:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	233909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	383643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	343726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173210	45.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.740%
35) Dibromofluoromethane	8.165	113	143573	53.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.880%
50) Toluene-d8	10.565	98	514511	54.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.847	95	185958	57.487	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	185236	58.488	ug/l	98
3) Chloromethane	2.359	50	175259	51.110	ug/l	100
4) Vinyl Chloride	2.512	62	184737	53.598	ug/l	97
5) Bromomethane	2.953	94	113252	54.397	ug/l	97
6) Chloroethane	3.124	64	117782	53.901	ug/l	97
7) Trichlorofluoromethane	3.500	101	264825	52.954	ug/l	100
8) Diethyl Ether	3.959	74	82773	47.910	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	153875	54.628	ug/l	98
10) Methyl Iodide	4.589	142	187126	58.011	ug/l	100
11) Tert butyl alcohol	5.506	59	98302	227.366	ug/l	99
12) 1,1-Dichloroethene	4.341	96	138479	55.162	ug/l	90
13) Acrolein	4.177	56	122724	207.937	ug/l	99
14) Allyl chloride	5.024	41	181890	44.651	ug/l	93
15) Acrylonitrile	5.712	53	330241	240.475	ug/l	99
16) Acetone	4.418	43	254479	208.592	ug/l	94
17) Carbon Disulfide	4.712	76	406796	52.630	ug/l	97
18) Methyl Acetate	5.018	43	161940	43.652	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	437679	53.694	ug/l	100
20) Methylene Chloride	5.271	84	158958	52.632	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	148424	55.323	ug/l	94
22) Diisopropyl ether	6.671	45	442462	48.937	ug/l	96
23) Vinyl Acetate	6.600	43	1527097	241.342	ug/l	97
24) 1,1-Dichloroethane	6.565	63	279165	50.636	ug/l	97
25) 2-Butanone	7.477	43	392028	218.361	ug/l	92
26) 2,2-Dichloropropane	7.482	77	250502	56.200	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	172476	54.582	ug/l	94
28) Bromochloromethane	7.806	49	110499	43.081	ug/l	86
29) Tetrahydrofuran	7.835	42	263575	231.564	ug/l	91
30) Chloroform	7.959	83	295397	51.842	ug/l	99
31) Cyclohexane	8.253	56	227068	47.386	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	258979	51.815	ug/l	95
36) 1,1-Dichloropropene	8.371	75	204749	54.813	ug/l	99
37) Ethyl Acetate	7.553	43	168829	44.778	ug/l	98
38) Carbon Tetrachloride	8.359	117	234254	54.778	ug/l	100
39) Methylcyclohexane	9.600	83	206103	58.716	ug/l	95
40) Benzene	8.600	78	630221	56.151	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	91373	46.581	ug/l	95
42) 1,2-Dichloroethane	8.665	62	213087	50.409	ug/l	98
43) Isopropyl Acetate	8.682	43	284168	47.036	ug/l	96
44) Trichloroethene	9.347	130	147480	56.449	ug/l	97
45) 1,2-Dichloropropane	9.618	63	154522	53.900	ug/l	99
46) Dibromomethane	9.706	93	109375	52.874	ug/l	96
47) Bromodichloromethane	9.882	83	232949	55.275	ug/l	99
48) Methyl methacrylate	9.676	41	130334	47.938	ug/l	91
49) 1,4-Dioxane	9.688	88	49264	1076.011	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	843629	240.641	ug/l	93
52) Toluene	10.623	92	394672	60.688	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	225046	56.506	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	245151	57.626	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	144440	56.123	ug/l	97
56) Ethyl methacrylate	10.870	69	213862	49.355	ug/l	89
57) 1,3-Dichloropropane	11.159	76	250624	56.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	507035	310.451	ug/l	96
59) 2-Hexanone	11.194	43	609668	247.153	ug/l	92
60) Dibromochloromethane	11.353	129	176576	56.829	ug/l	99
61) 1,2-Dibromoethane	11.465	107	142846	55.759	ug/l	99
64) Tetrachloroethene	11.100	164	141733	60.484	ug/l	98
65) Chlorobenzene	11.888	112	420640	55.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	151380	54.776	ug/l	100
67) Ethyl Benzene	11.959	91	732639	59.738	ug/l	99
68) m/p-Xylenes	12.065	106	567698	125.246	ug/l	98
69) o-Xylene	12.394	106	266671	61.562	ug/l	98
70) Styrene	12.406	104	467889	65.267	ug/l	96
71) Bromoform	12.576	173	115906	58.615	ug/l #	98
73) Isopropylbenzene	12.694	105	664909	55.905	ug/l	98
74) N-amyl acetate	12.488	43	237908	44.503	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	199264	47.429	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	157414m	43.948	ug/l	
77) Bromobenzene	12.976	156	170389	54.834	ug/l	92
78) n-propylbenzene	13.029	91	808686	57.435	ug/l	99
79) 2-Chlorotoluene	13.123	91	499490	54.813	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	575432	58.573	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	78093	58.989	ug/l #	75
82) 4-Chlorotoluene	13.217	91	503102	55.449	ug/l	98
83) tert-Butylbenzene	13.435	119	465852	56.466	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	579770	59.211	ug/l	98
85) sec-Butylbenzene	13.611	105	666466	58.286	ug/l	100
86) p-Isopropyltoluene	13.723	119	555423	53.483	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	310450	54.250	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	308742	52.051	ug/l	98
89) n-Butylbenzene	14.053	91	462537	56.386	ug/l	98
90) Hexachloroethane	14.329	117	105005	48.239	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	298334	52.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34905	45.497	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	137666	51.891	ug/l	98
94) Hexachlorobutadiene	15.494	225	73026	51.847	ug/l	99
95) Naphthalene	15.635	128	387779	48.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	133430	49.705	ug/l	99

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

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