

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085952.D
 Acq On : 11 Mar 2025 23:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:34:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102730	43.389	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.780%		
35) Dibromofluoromethane	8.165	113	85370	43.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.100%		
50) Toluene-d8	10.565	98	316204	44.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.847	95	114447	48.702	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115892	46.654	ug/l	99
3) Chloromethane	2.359	50	114987	46.130	ug/l	99
4) Vinyl Chloride	2.512	62	113125	42.863	ug/l	98
5) Bromomethane	2.948	94	62320	36.929	ug/l	95
6) Chloroethane	3.118	64	66141	37.835	ug/l	94
7) Trichlorofluoromethane	3.500	101	171098	44.777	ug/l	99
8) Diethyl Ether	3.959	74	59065	47.773	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	94333	42.708	ug/l	100
10) Methyl Iodide	4.589	142	128092	47.046	ug/l	93
11) Tert butyl alcohol	5.524	59	69282	237.913	ug/l	100
12) 1,1-Dichloroethene	4.342	96	91588	45.731	ug/l	93
13) Acrolein	4.177	56	85954	199.041	ug/l	98
14) Allyl chloride	5.024	41	122205	46.476	ug/l	95
15) Acrylonitrile	5.718	53	230822	243.820	ug/l	97
16) Acetone	4.424	43	166636	222.426	ug/l	100
17) Carbon Disulfide	4.712	76	276068	46.511	ug/l	100
18) Methyl Acetate	5.024	43	103328	40.099	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	302328	50.801	ug/l	99
20) Methylene Chloride	5.271	84	107100	44.454	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	96796	44.886	ug/l	97
22) Diisopropyl ether	6.671	45	292858	49.290	ug/l	96
23) Vinyl Acetate	6.600	43	1039295	255.472	ug/l	99
24) 1,1-Dichloroethane	6.565	63	185514	45.931	ug/l	99
25) 2-Butanone	7.483	43	261978	237.692	ug/l	99
26) 2,2-Dichloropropane	7.488	77	132081	36.776	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	114193	45.670	ug/l	99
28) Bromochloromethane	7.806	49	76296	45.960	ug/l	94
29) Tetrahydrofuran	7.835	42	179412	252.081	ug/l	99
30) Chloroform	7.965	83	189780	44.962	ug/l	96
31) Cyclohexane	8.259	56	156104	46.161	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	175536	46.757	ug/l	98
36) 1,1-Dichloropropene	8.365	75	134526	48.488	ug/l	99
37) Ethyl Acetate	7.559	43	108901	47.697	ug/l	99
38) Carbon Tetrachloride	8.359	117	158485	48.076	ug/l	97
39) Methylcyclohexane	9.600	83	131775	48.347	ug/l	99
40) Benzene	8.606	78	426416	47.954	ug/l	98

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41) Methacrylonitrile	7.771	41	58720	48.110	ug/l	95
42) 1,2-Dichloroethane	8.665	62	136444	47.108	ug/l	100
43) Isopropyl Acetate	8.682	43	210054	52.449	ug/l	98
44) Trichloroethene	9.347	130	96246	44.083	ug/l	98
45) 1,2-Dichloropropane	9.618	63	101894	47.472	ug/l	98
46) Dibromomethane	9.706	93	71633	47.314	ug/l	97
47) Bromodichloromethane	9.882	83	149779	46.240	ug/l	97
48) Methyl methacrylate	9.676	41	86607	51.077	ug/l	98
49) 1,4-Dioxane	9.694	88	34302	1063.813	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	565318	256.812	ug/l	99
52) Toluene	10.629	92	267537	51.326	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148234	49.491	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	161551	49.187	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	96007	46.325	ug/l	97
56) Ethyl methacrylate	10.871	69	151026	50.608	ug/l	97
57) 1,3-Dichloropropane	11.159	76	167903	48.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317507	267.418	ug/l	100
59) 2-Hexanone	11.194	43	406323	268.312	ug/l	98
60) Dibromochloromethane	11.359	129	118463	49.089	ug/l	100
61) 1,2-Dibromoethane	11.465	107	95952	49.002	ug/l	98
64) Tetrachloroethene	11.100	164	87704	42.253	ug/l	96
65) Chlorobenzene	11.888	112	280610	45.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	101888	46.183	ug/l	98
67) Ethyl Benzene	11.965	91	490063	50.970	ug/l	99
68) m/p-Xylenes	12.070	106	388220	106.298	ug/l	100
69) o-Xylene	12.394	106	183816	52.965	ug/l	98
70) Styrene	12.406	104	310966	48.323	ug/l	98
71) Bromoform	12.576	173	81403	49.656	ug/l #	98
73) Isopropylbenzene	12.694	105	455266	48.339	ug/l	100
74) N-amyl acetate	12.488	43	166886	50.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	138788	42.824	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	129601m	42.440	ug/l	
77) Bromobenzene	12.976	156	116602	45.825	ug/l	98
78) n-propylbenzene	13.035	91	540050	50.069	ug/l	100
79) 2-Chlorotoluene	13.123	91	341436	47.378	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	394595	51.433	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48029	45.891	ug/l	94
82) 4-Chlorotoluene	13.217	91	345831	48.406	ug/l	99
83) tert-Butylbenzene	13.435	119	321248	49.794	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	404657	53.312	ug/l	98
85) sec-Butylbenzene	13.612	105	446835	49.020	ug/l	100
86) p-Isopropyltoluene	13.729	119	380483	45.905	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	212617	44.600	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	211244	43.234	ug/l	100
89) n-Butylbenzene	14.053	91	311031	48.060	ug/l	98
90) Hexachloroethane	14.329	117	73580	42.623	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	207179	45.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27207	45.717	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	100265	45.900	ug/l	100
94) Hexachlorobutadiene	15.500	225	48989	36.901	ug/l	99
95) Naphthalene	15.635	128	337368	56.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	97834	44.612	ug/l	99

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

