

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086570.D
 Acq On : 12 May 2025 10:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 01:46:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2025
 Supervised By :Semsettin Yesilyurt 05/13/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	344836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	316620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134348	49.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.280%		
35) Dibromofluoromethane	8.159	113	100500	62.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	125.600%#		
50) Toluene-d8	10.565	98	405770	47.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.847	95	155705	49.909	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96908	43.362	ug/l	99
3) Chloromethane	2.359	50	143136	44.069	ug/l	98
4) Vinyl Chloride	2.518	62	126619	40.852	ug/l	99
5) Bromomethane	2.948	94	77582	55.647	ug/l	97
6) Chloroethane	3.118	64	88584	42.703	ug/l	98
7) Trichlorofluoromethane	3.500	101	157378	45.839	ug/l	96
8) Diethyl Ether	3.959	74	75091	50.100	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	97057	46.731	ug/l	97
10) Methyl Iodide	4.589	142	124718	54.619	ug/l	96
11) Tert butyl alcohol	5.512	59	108475	217.469	ug/l	100
12) 1,1-Dichloroethene	4.342	96	100094	45.109	ug/l	98
13) Acrolein	4.177	56	77719	339.544	ug/l	95
14) Allyl chloride	5.018	41	160740	40.750	ug/l	96
15) Acrylonitrile	5.712	53	301262	244.318	ug/l	100
16) Acetone	4.424	43	234537	248.093	ug/l	100
17) Carbon Disulfide	4.712	76	262907	39.570	ug/l	99
18) Methyl Acetate	5.018	43	148310	45.194	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	410230	50.294	ug/l	99
20) Methylene Chloride	5.271	84	129641	51.295	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	111164	47.918	ug/l	93
22) Diisopropyl ether	6.665	45	403182	46.986	ug/l	96
23) Vinyl Acetate	6.594	43	1477012	246.230	ug/l	98
24) 1,1-Dichloroethane	6.565	63	220095	48.612	ug/l	99
25) 2-Butanone	7.477	43	379739	223.158	ug/l	97
26) 2,2-Dichloropropane	7.488	77	189754	46.809	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	146477	50.872	ug/l	95
28) Bromochloromethane	7.806	49	87471	45.565	ug/l	88
29) Tetrahydrofuran	7.835	42	251316	220.858	ug/l	95
30) Chloroform	7.959	83	228333	51.339	ug/l	96
31) Cyclohexane	8.253	56	172997	39.048	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	184492	48.490	ug/l	98
36) 1,1-Dichloropropene	8.365	75	148387	46.420	ug/l	98
37) Ethyl Acetate	7.553	43	157535	46.810	ug/l	100
38) Carbon Tetrachloride	8.359	117	148821	48.887	ug/l	96
39) Methylcyclohexane	9.594	83	164441	43.280	ug/l	98
40) Benzene	8.600	78	511271	49.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89624	45.950	ug/l	97
42) 1,2-Dichloroethane	8.665	62	172998	52.969	ug/l	99
43) Isopropyl Acetate	8.682	43	282456	46.707	ug/l	95
44) Trichloroethene	9.347	130	125934	51.878	ug/l	95
45) 1,2-Dichloropropane	9.618	63	127209	50.741	ug/l	100
46) Dibromomethane	9.706	93	89194	55.839	ug/l	96
47) Bromodichloromethane	9.882	83	186046	53.927	ug/l	99
48) Methyl methacrylate	9.676	41	133872	45.298	ug/l	96
49) 1,4-Dioxane	9.688	88	49504	984.760	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	818513	237.515	ug/l	98
52) Toluene	10.623	92	326247	51.051	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	206083	53.513	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	216353	51.149	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	127116	55.286	ug/l	98
56) Ethyl methacrylate	10.871	69	215205	50.919	ug/l	95
57) 1,3-Dichloropropane	11.159	76	218689	53.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	402321	200.560	ug/l	97
59) 2-Hexanone	11.188	43	587721	229.927	ug/l	96
60) Dibromochloromethane	11.353	129	144507	57.235	ug/l	99
61) 1,2-Dibromoethane	11.465	107	128742	55.492	ug/l	98
64) Tetrachloroethene	11.100	164	125098	51.365	ug/l	99
65) Chlorobenzene	11.888	112	366502	51.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	126279	54.173	ug/l	99
67) Ethyl Benzene	11.959	91	620342	48.652	ug/l	100
68) m/p-Xylenes	12.065	106	483202	101.139	ug/l	96
69) o-Xylene	12.394	106	243422	51.521	ug/l	96
70) Styrene	12.406	104	418126	53.113	ug/l	98
71) Bromoform	12.576	173	97101	55.328	ug/l #	100
73) Isopropylbenzene	12.694	105	567927	45.199	ug/l	99
74) N-amyl acetate	12.488	43	247341	39.542	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	173423	48.003	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	163861m	45.206	ug/l	
77) Bromobenzene	12.976	156	146839	52.743	ug/l	92
78) n-propylbenzene	13.029	91	668941	45.180	ug/l	99
79) 2-Chlorotoluene	13.123	91	432545	46.687	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	472779	45.972	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	75211	49.832	ug/l	92
82) 4-Chlorotoluene	13.217	91	439039	47.704	ug/l	98
83) tert-Butylbenzene	13.435	119	401825	45.094	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	486176	46.443	ug/l	99
85) sec-Butylbenzene	13.612	105	553838	44.809	ug/l	98
86) p-Isopropyltoluene	13.723	119	474767	46.602	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	268857	51.371	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	268997	51.030	ug/l	98
89) n-Butylbenzene	14.053	91	405352	44.889	ug/l	99
90) Hexachloroethane	14.329	117	80369	46.900	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	259577	51.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31735	43.565	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	121982	50.205	ug/l	99
94) Hexachlorobutadiene	15.494	225	44497	48.515	ug/l	98
95) Naphthalene	15.635	128	406001	47.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	115970	50.415	ug/l	99

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

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