

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086425.D
 Acq On : 30 Apr 2025 10:17
 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 01 01:32:22 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 : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	181857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	328406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130213	49.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.760%		
35) Dibromofluoromethane	8.165	113	76202	49.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	10.565	98	423826	52.029	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.060%		
62) 4-Bromofluorobenzene	12.847	95	160398	53.985	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	108328	50.250	ug/l	99
3) Chloromethane	2.359	50	148638	47.441	ug/l	98
4) Vinyl Chloride	2.512	62	145115	48.536	ug/l	98
5) Bromomethane	2.953	94	78652	58.484	ug/l	96
6) Chloroethane	3.118	64	96329	48.140	ug/l	97
7) Trichlorofluoromethane	3.500	101	167679	50.631	ug/l	98
8) Diethyl Ether	3.959	74	68832	47.608	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	103546	51.684	ug/l	99
10) Methyl Iodide	4.589	142	134150	60.905	ug/l	99
11) Tert butyl alcohol	5.518	59	105745	219.771	ug/l	99
12) 1,1-Dichloroethene	4.342	96	104579	48.859	ug/l	100
13) Acrolein	4.177	56	96473	441.542	ug/l	96
14) Allyl chloride	5.018	41	163195	42.889	ug/l	95
15) Acrylonitrile	5.712	53	282155	237.215	ug/l	100
16) Acetone	4.424	43	220634	241.801	ug/l	99
17) Carbon Disulfide	4.712	76	286882	44.763	ug/l	99
18) Methyl Acetate	5.018	43	127141	40.164	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	377021	47.918	ug/l	99
20) Methylene Chloride	5.271	84	119255	48.917	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	112218	50.147	ug/l	92
22) Diisopropyl ether	6.671	45	384189	46.415	ug/l	97
23) Vinyl Acetate	6.600	43	1386038	239.538	ug/l	99
24) 1,1-Dichloroethane	6.565	63	210759	48.258	ug/l	97
25) 2-Butanone	7.477	43	374101	227.908	ug/l	97
26) 2,2-Dichloropropane	7.488	77	193159	49.397	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	137546	49.522	ug/l	96
28) Bromochloromethane	7.806	49	84365	45.559	ug/l	94
29) Tetrahydrofuran	7.835	42	248179	226.100	ug/l	98
30) Chloroform	7.965	83	215182	50.156	ug/l	100
31) Cyclohexane	8.253	56	194455	45.501	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	187029	50.960	ug/l	99
36) 1,1-Dichloropropene	8.365	75	159261	52.315	ug/l	99
37) Ethyl Acetate	7.559	43	149514	46.650	ug/l	99
38) Carbon Tetrachloride	8.359	117	155407	53.604	ug/l	99
39) Methylcyclohexane	9.594	83	182950	50.560	ug/l	98
40) Benzene	8.606	78	496692	50.923	ug/l	99

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41) Methacrylonitrile	7.777	41	83677	45.047	ug/l	95
42) 1,2-Dichloroethane	8.665	62	162009	52.086	ug/l	100
43) Isopropyl Acetate	8.682	43	284653	49.623	ug/l	99
44) Trichloroethene	9.347	130	123448	53.399	ug/l	99
45) 1,2-Dichloropropane	9.618	63	118348	49.569	ug/l	96
46) Dibromomethane	9.706	93	82135	53.993	ug/l	97
47) Bromodichloromethane	9.882	83	171868	52.310	ug/l	97
48) Methyl methacrylate	9.677	41	130323	46.303	ug/l	96
49) 1,4-Dioxane	9.694	88	46996	981.641	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	796240	242.611	ug/l	99
52) Toluene	10.629	92	321371	52.804	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	195170	53.215	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	204479	50.760	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	115670	52.824	ug/l	98
56) Ethyl methacrylate	10.871	69	201886	50.158	ug/l	97
57) 1,3-Dichloropropane	11.159	76	202547	52.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	440946	230.812	ug/l	98
59) 2-Hexanone	11.194	43	588675	241.822	ug/l	100
60) Dibromochloromethane	11.359	129	130063	54.091	ug/l	100
61) 1,2-Dibromoethane	11.465	107	119087	53.898	ug/l	100
64) Tetrachloroethene	11.100	164	122729	52.819	ug/l	99
65) Chlorobenzene	11.888	112	347334	51.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	116694	52.472	ug/l	98
67) Ethyl Benzene	11.959	91	636946	52.360	ug/l	100
68) m/p-Xylenes	12.065	106	488766	107.230	ug/l	98
69) o-Xylene	12.394	106	239649	53.164	ug/l	98
70) Styrene	12.406	104	409998	54.588	ug/l	99
71) Bromoform	12.576	173	90648	54.138	ug/l #	98
73) Isopropylbenzene	12.694	105	599336	49.248	ug/l	99
74) N-amyl acetate	12.488	43	258522	42.671	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	162717	46.502	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	159553m	45.447	ug/l	
77) Bromobenzene	12.976	156	141247	52.382	ug/l	93
78) n-propylbenzene	13.035	91	718511	50.104	ug/l	100
79) 2-Chlorotoluene	13.123	91	444017	49.481	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	499740	50.172	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	76381	52.251	ug/l	86
82) 4-Chlorotoluene	13.217	91	446986	50.145	ug/l	99
83) tert-Butylbenzene	13.435	119	418488	48.489	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	507799	50.084	ug/l	100
85) sec-Butylbenzene	13.612	105	598037	49.956	ug/l	99
86) p-Isopropyltoluene	13.723	119	504152	51.093	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	263808	52.043	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	266002	52.100	ug/l	98
89) n-Butylbenzene	14.053	91	443788	50.741	ug/l	99
90) Hexachloroethane	14.329	117	83579	50.357	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	250643	51.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32653	46.281	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	115854	49.231	ug/l	98
94) Hexachlorobutadiene	15.500	225	42539	47.886	ug/l	99
95) Naphthalene	15.635	128	379478	45.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	106675	47.880	ug/l	100

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

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