

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086786.D
 Acq On : 27 May 2025 16:07
 Operator : JC\MD
 Sample : Q2126-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: May 29 01:51:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	216575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	388450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142314	47.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	8.165	113	114455	49.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.565	98	485555	50.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.847	95	163597	48.329	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2057	0.879	ug/l	77
3) Chloromethane	2.359	50	3893	1.100	ug/l	98
4) Vinyl Chloride	2.512	62	2963	0.933	ug/l #	88
5) Bromomethane	2.953	94	2319	1.266	ug/l	97
6) Chloroethane	3.124	64	1922	0.923	ug/l #	88
7) Trichlorofluoromethane	3.495	101	3824	1.007	ug/l #	74
8) Diethyl Ether	3.959	74	1680	1.071	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.359	101	2102m	0.925	ug/l	
10) Methyl Iodide	4.589	142	3100	1.096	ug/l #	88
11) Tert butyl alcohol	5.524	59	2030	3.724	ug/l #	73
12) 1,1-Dichloroethene	4.336	96	2391	0.990	ug/l	87
13) Acrolein	4.177	56	1738	2.983	ug/l	97
14) Allyl chloride	5.024	41	3869	1.058	ug/l	85
15) Acrylonitrile	5.730	53	6072	4.499	ug/l #	85
16) Acetone	4.424	43	5057	4.517	ug/l	90
17) Carbon Disulfide	4.712	76	7172	1.072	ug/l	97
18) Methyl Acetate	5.036	43	10314	3.292	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	7924	0.963	ug/l #	83
20) Methylene Chloride	5.283	84	2927	0.991	ug/l #	91
21) trans-1,2-Dichloroethene	5.777	96	2347	0.919	ug/l	89
22) Diisopropyl ether	6.665	45	7447	0.903	ug/l	95
23) Vinyl Acetate	6.594	43	16105	2.598	ug/l	98
24) 1,1-Dichloroethane	6.565	63	4846	1.001	ug/l #	82
25) 2-Butanone	7.488	43	7506	4.339	ug/l #	88
26) 2,2-Dichloropropane	7.483	77	3893	0.974	ug/l	92
27) cis-1,2-Dichloroethene	7.488	96	3059	0.976	ug/l	93
28) Bromochloromethane	7.806	49	2146	0.975	ug/l #	97
29) Tetrahydrofuran	7.847	42	4967	4.399	ug/l	97
30) Chloroform	7.971	83	4592	0.947	ug/l	98
31) Cyclohexane	8.224	56	8276m	1.843	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	4182	1.023	ug/l #	41
36) 1,1-Dichloropropene	8.371	75	3343	0.980	ug/l	96
37) Ethyl Acetate	7.565	43	2987	0.867	ug/l #	84
38) Carbon Tetrachloride	8.353	117	3410	1.014	ug/l	91
39) Methylcyclohexane	9.600	83	3654	0.989	ug/l	92
40) Benzene	8.606	78	11465	1.030	ug/l	96

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41) Methacrylonitrile	7.783	41	1436	0.772	ug/l #	48
42) 1,2-Dichloroethane	8.671	62	3623	1.045	ug/l	98
43) Isopropyl Acetate	8.683	43	8921	1.291	ug/l #	85
44) Trichloroethene	9.347	130	3280	1.222	ug/l	95
45) 1,2-Dichloropropane	9.624	63	2500	0.945	ug/l	92
46) Dibromomethane	9.706	93	1734	0.972	ug/l	96
47) Bromodichloromethane	9.888	83	3743	1.018	ug/l #	96
48) Methyl methacrylate	9.682	41	2245	0.838	ug/l	96
49) 1,4-Dioxane	9.694	88	871	15.362	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	14978	4.298	ug/l	98
52) Toluene	10.629	92	7232	1.045	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	3613	0.928	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	4218	0.993	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	2456	0.952	ug/l #	85
56) Ethyl methacrylate	10.871	69	3778	0.912	ug/l #	90
57) 1,3-Dichloropropane	11.159	76	4327	0.973	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	7911	4.272	ug/l	98
59) 2-Hexanone	11.194	43	10346	4.066	ug/l	97
60) Dibromochloromethane	11.359	129	2804	1.037	ug/l	94
61) 1,2-Dibromoethane	11.471	107	2380	0.918	ug/l	91
64) Tetrachloroethene	11.100	164	3869	1.490	ug/l	90
65) Chlorobenzene	11.888	112	7800	1.049	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	2343	0.976	ug/l #	62
67) Ethyl Benzene	11.959	91	12340	0.969	ug/l	93
68) m/p-Xylenes	12.065	106	9399	1.949	ug/l	94
69) o-Xylene	12.394	106	4507	0.940	ug/l	98
70) Styrene	12.406	104	7392	0.942	ug/l	95
71) Bromoform	12.570	173	1834	1.075	ug/l #	94
73) Isopropylbenzene	12.694	105	9863	0.889	ug/l	97
74) N-amyl acetate	12.494	43	3750	0.809	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	2293	0.673	ug/l	94
76) 1,2,3-Trichloropropane	12.982	75	3532m	1.088	ug/l	
77) Bromobenzene	12.976	156	2678	0.960	ug/l	89
78) n-propylbenzene	13.029	91	11645	0.915	ug/l	98
79) 2-Chlorotoluene	13.123	91	8432	1.019	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	7940	0.894	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.729	75	886m	0.689	ug/l	
82) 4-Chlorotoluene	13.218	91	8255	1.007	ug/l	98
83) tert-Butylbenzene	13.435	119	7171	0.925	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	7720	0.873	ug/l	97
85) sec-Butylbenzene	13.612	105	9662	0.930	ug/l	95
86) p-Isopropyltoluene	13.729	119	7412	0.870	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	5229	1.082	ug/l	94
88) 1,4-Dichlorobenzene	13.806	146	5011m	1.047	ug/l	
89) n-Butylbenzene	14.053	91	6525	0.924	ug/l	97
90) Hexachloroethane	14.329	117	1348	0.954	ug/l	88
91) 1,2-Dichlorobenzene	14.100	146	5096	1.109	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	409	0.725	ug/l	78
93) 1,2,4-Trichlorobenzene	15.388	180	2090	1.078	ug/l	87
94) Hexachlorobutadiene	15.494	225	921	1.145	ug/l	87
95) Naphthalene	15.635	128	7324	1.088	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	1916	1.009	ug/l	96

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

