

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088296.D
 Acq On : 17 Nov 2025 12:16
 Operator : JC\MD
 Sample : VN1117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 18 02:57:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	234156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	431101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	386674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	193737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	216632	53.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.000%			
35) Dibromofluoromethane	8.147	113	148199	51.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	10.547	98	534999	47.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.880%			
62) 4-Bromofluorobenzene	12.829	95	187715	47.630	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	47242	17.886	ug/l	93
3) Chloromethane	2.383	50	62141	19.998	ug/l	94
4) Vinyl Chloride	2.536	62	64300	18.992	ug/l	99
5) Bromomethane	2.983	94	39846	19.676	ug/l	91
6) Chloroethane	3.136	64	41929	17.189	ug/l	100
7) Trichlorofluoromethane	3.512	101	99065	18.345	ug/l	99
8) Diethyl Ether	3.965	74	40495	20.177	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	55856	20.045	ug/l	99
10) Methyl Iodide	4.589	142	50782	19.941	ug/l	99
11) Tert butyl alcohol	5.524	59	77504	111.107	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	54491	18.515	ug/l	93
13) Acrolein	4.177	56	75957	96.805	ug/l	97
14) Allyl chloride	5.012	41	99297	19.249	ug/l	95
15) Acrylonitrile	5.706	53	218880	115.192	ug/l	99
16) Acetone	4.424	43	211463	103.955	ug/l	95
17) Carbon Disulfide	4.712	76	154415	17.260	ug/l	99
18) Methyl Acetate	5.018	43	106314	25.529	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	229393	21.224	ug/l	98
20) Methylene Chloride	5.271	84	71098	20.821	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	61395	19.005	ug/l	94
22) Diisopropyl ether	6.659	45	247568	22.820	ug/l	98
23) Vinyl Acetate	6.588	43	1088740	111.411	ug/l	100
24) 1,1-Dichloroethane	6.559	63	132751	22.090	ug/l	99
25) 2-Butanone	7.471	43	303598	113.251	ug/l	99
26) 2,2-Dichloropropane	7.471	77	111759	20.464	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	76733	20.633	ug/l	95
28) Bromochloromethane	7.794	49	82012	28.882	ug/l	98
29) Tetrahydrofuran	7.824	42	198332	113.524	ug/l	98
30) Chloroform	7.953	83	134948	22.478	ug/l	95
31) Cyclohexane	8.241	56	107484	18.964	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	112087	20.962	ug/l	93
36) 1,1-Dichloropropene	8.353	75	86174	20.378	ug/l	98
37) Ethyl Acetate	7.541	43	125107	22.926	ug/l	99
38) Carbon Tetrachloride	8.341	117	93295	21.361	ug/l	99
39) Methylcyclohexane	9.582	83	91697	16.870	ug/l	99
40) Benzene	8.588	78	277969	21.584	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	63521	22.116	ug/l	95
42) 1,2-Dichloroethane	8.653	62	106083	23.183	ug/l	99
43) Isopropyl Acetate	8.671	43	192802	22.992	ug/l	98
44) Trichloroethene	9.335	130	62808	20.865	ug/l	96
45) 1,2-Dichloropropane	9.600	63	73361	22.564	ug/l	96
46) Dibromomethane	9.688	93	53734	23.173	ug/l	97
47) Bromodichloromethane	9.865	83	107956	23.254	ug/l	98
48) Methyl methacrylate	9.665	41	88727	22.918	ug/l	98
49) 1,4-Dioxane	9.676	88	24903	517.193	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	606634	122.287	ug/l	99
52) Toluene	10.606	92	166752	21.001	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	112352	22.738	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	116635	22.245	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	70079	23.264	ug/l	96
56) Ethyl methacrylate	10.853	69	105098	22.046	ug/l	98
57) 1,3-Dichloropropane	11.141	76	123295	23.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	283209	114.213	ug/l	100
59) 2-Hexanone	11.176	43	388202	117.965	ug/l	100
60) Dibromochloromethane	11.335	129	77858	22.740	ug/l	100
61) 1,2-Dibromoethane	11.447	107	68729	22.169	ug/l	98
64) Tetrachloroethene	11.082	164	52272	20.494	ug/l	93
65) Chlorobenzene	11.870	112	184815	21.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	65911	22.913	ug/l	98
67) Ethyl Benzene	11.941	91	312566	20.281	ug/l	100
68) m/p-Xylenes	12.047	106	230933	39.991	ug/l	97
69) o-Xylene	12.376	106	112098	20.478	ug/l	97
70) Styrene	12.388	104	185415	20.771	ug/l	98
71) Bromoform	12.559	173	47931	22.328	ug/l #	99
73) Isopropylbenzene	12.670	105	285398	19.100	ug/l	99
74) N-amyl acetate	12.676	43	93296m	21.995	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	105006	22.572	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	89703m	20.252	ug/l	
77) Bromobenzene	12.959	156	70644	21.924	ug/l	100
78) n-propylbenzene	13.012	91	357833	19.623	ug/l	98
79) 2-Chlorotoluene	13.106	91	214159	20.594	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	248523	20.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	30478	19.194	ug/l	89
82) 4-Chlorotoluene	13.200	91	223115	19.831	ug/l	98
83) tert-Butylbenzene	13.417	119	202965	18.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	247101	19.902	ug/l	98
85) sec-Butylbenzene	13.594	105	303475	18.633	ug/l	99
86) p-Isopropyltoluene	13.706	119	252977	19.362	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	130440	20.279	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	133328	19.299	ug/l	97
89) n-Butylbenzene	14.035	91	239479	18.504	ug/l	99
90) Hexachloroethane	14.311	117	48848	19.306	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	130139	20.989	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23082	21.317	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	70475	18.768	ug/l	95
94) Hexachlorobutadiene	15.476	225	27343	19.553	ug/l	97
95) Naphthalene	15.617	128	246411	19.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	69804	19.387	ug/l	98

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

