

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088308.D
 Acq On : 18 Nov 2025 11:02
 Operator : JC\MD
 Sample : VN1118WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Quant Time: Nov 19 03:31:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	449089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	207887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	230517	57.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.140%			
35) Dibromofluoromethane	8.147	113	162572	53.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	10.541	98	582154	50.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.824	95	209643	51.064	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	44826	17.162	ug/l	94
3) Chloromethane	2.383	50	59370	19.321	ug/l	99
4) Vinyl Chloride	2.536	62	61573	18.391	ug/l	90
5) Bromomethane	2.983	94	38463	19.207	ug/l	98
6) Chloroethane	3.142	64	42412	17.582	ug/l	88
7) Trichlorofluoromethane	3.512	101	93465	17.503	ug/l	97
8) Diethyl Ether	3.965	74	41083	20.701	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	51905	18.837	ug/l	98
10) Methyl Iodide	4.589	142	46428	18.437	ug/l	93
11) Tert butyl alcohol	5.524	59	68139	98.781	ug/l	98
12) 1,1-Dichloroethene	4.336	96	51482	17.689	ug/l	88
13) Acrolein	4.171	56	71031	91.547	ug/l	98
14) Allyl chloride	5.018	41	99707	19.546	ug/l	100
15) Acrylonitrile	5.712	53	211180	112.391	ug/l	99
16) Acetone	4.418	43	216252	107.506	ug/l	99
17) Carbon Disulfide	4.706	76	149132	16.857	ug/l	98
18) Methyl Acetate	5.018	43	100226	24.338	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	221480	20.722	ug/l	94
20) Methylene Chloride	5.271	84	69380	20.547	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	61513	19.256	ug/l	89
22) Diisopropyl ether	6.659	45	241175	22.481	ug/l	97
23) Vinyl Acetate	6.589	43	1060520	109.745	ug/l	98
24) 1,1-Dichloroethane	6.553	63	128886	21.689	ug/l	98
25) 2-Butanone	7.471	43	304938	115.032	ug/l	96
26) 2,2-Dichloropropane	7.477	77	110845	20.526	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	77130	20.973	ug/l	99
28) Bromochloromethane	7.789	49	58334	20.775	ug/l	99
29) Tetrahydrofuran	7.824	42	193341	111.913	ug/l	96
30) Chloroform	7.947	83	133665	22.515	ug/l	98
31) Cyclohexane	8.241	56	101580	18.124	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	110179	20.837	ug/l	95
36) 1,1-Dichloropropene	8.353	75	84450	19.171	ug/l	98
37) Ethyl Acetate	7.547	43	117125	20.603	ug/l	98
38) Carbon Tetrachloride	8.341	117	90895	19.978	ug/l	96
39) Methylcyclohexane	9.577	83	86810	15.331	ug/l	96
40) Benzene	8.589	78	271039	20.203	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	60557	20.240	ug/l	96
42) 1,2-Dichloroethane	8.653	62	105282	22.086	ug/l	100
43) Isopropyl Acetate	8.671	43	186695	21.372	ug/l	98
44) Trichloroethene	9.336	130	61002	19.454	ug/l	99
45) 1,2-Dichloropropane	9.600	63	71755	21.186	ug/l	94
46) Dibromomethane	9.688	93	53355	22.088	ug/l	97
47) Bromodichloromethane	9.871	83	107262	22.179	ug/l	99
48) Methyl methacrylate	9.665	41	82989	20.578	ug/l	97
49) 1,4-Dioxane	9.677	88	19637	391.492	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	593839	114.913	ug/l	99
52) Toluene	10.606	92	166268	20.102	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	106924	20.773	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	111922	20.491	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	69687	22.207	ug/l	96
56) Ethyl methacrylate	10.853	69	99972	20.131	ug/l	99
57) 1,3-Dichloropropane	11.141	76	117522	21.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	237375	91.895	ug/l	99
59) 2-Hexanone	11.177	43	382564	111.595	ug/l	98
60) Dibromochloromethane	11.335	129	77421	21.706	ug/l	99
61) 1,2-Dibromoethane	11.447	107	67831	21.003	ug/l	100
64) Tetrachloroethene	11.082	164	50809	18.631	ug/l	96
65) Chlorobenzene	11.871	112	181305	19.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	63556	20.664	ug/l	98
67) Ethyl Benzene	11.941	91	304766	18.494	ug/l	95
68) m/p-Xylenes	12.047	106	226957	36.757	ug/l	100
69) o-Xylene	12.377	106	109517	18.711	ug/l	97
70) Styrene	12.394	104	185914	19.478	ug/l	98
71) Bromoform	12.559	173	48397	21.085	ug/l #	96
73) Isopropylbenzene	12.671	105	275889	17.207	ug/l	99
74) N-amyl acetate	12.594	43	76320m	16.768	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	103572	20.748	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	102426m	21.550	ug/l	
77) Bromobenzene	12.959	156	68599	19.841	ug/l	96
78) n-propylbenzene	13.012	91	347673	17.769	ug/l	100
79) 2-Chlorotoluene	13.100	91	214288	19.204	ug/l	96
80) 1,3,5-Trimethylbenzene	13.147	105	234923	17.642	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	29610	17.378	ug/l	89
82) 4-Chlorotoluene	13.200	91	221059	18.311	ug/l	98
83) tert-Butylbenzene	13.418	119	197002	16.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	240788	18.073	ug/l	99
85) sec-Butylbenzene	13.594	105	290586	16.627	ug/l	99
86) p-Isopropyltoluene	13.706	119	240061	17.123	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	133135	19.289	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	137006	18.481	ug/l	99
89) n-Butylbenzene	14.035	91	229738	16.543	ug/l	100
90) Hexachloroethane	14.312	117	48263	17.777	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	127312	19.135	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22486	19.353	ug/l	98
93) 1,2,4-Trichlorobenzene	15.365	180	70453	17.485	ug/l	99
94) Hexachlorobutadiene	15.476	225	26862	17.902	ug/l	99
95) Naphthalene	15.612	128	237762	17.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	70848	18.338	ug/l	99

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

