

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087823.D
 Acq On : 15 Sep 2025 09:56
 Operator : JC\MD
 Sample : VN0915WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Quant Time: Sep 16 01:29:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2025
 Supervised By : Semsettin Yesilyurt 09/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	212267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	395901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	209334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	200656	46.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.280%		
35) Dibromofluoromethane	8.153	113	148808	49.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.547	98	523783	46.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.829	95	190651	47.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	57092	18.937	ug/l	98
3) Chloromethane	2.383	50	59512	19.208	ug/l	93
4) Vinyl Chloride	2.536	62	68875	19.173	ug/l	96
5) Bromomethane	2.977	94	29286	15.800	ug/l	96
6) Chloroethane	3.136	64	44871	17.772	ug/l	92
7) Trichlorofluoromethane	3.512	101	100527	19.100	ug/l	95
8) Diethyl Ether	3.965	74	40203	17.540	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	55081	18.496	ug/l	92
10) Methyl Iodide	4.577	142	20900	14.922	ug/l	92
11) Tert butyl alcohol	5.524	59	70617	93.530	ug/l	99
12) 1,1-Dichloroethene	4.336	96	58798	19.213	ug/l	90
13) Acrolein	4.183	56	78642	84.725	ug/l	99
14) Allyl chloride	5.012	41	103155m	18.600	ug/l	
15) Acrylonitrile	5.712	53	195219	91.680	ug/l	99
16) Acetone	4.424	43	205672	86.873	ug/l	97
17) Carbon Disulfide	4.694	76	170264	20.209	ug/l #	94
18) Methyl Acetate	5.012	43	96049	19.376	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	205025	17.858	ug/l	97
20) Methylene Chloride	5.259	84	68651	19.285	ug/l	92
21) trans-1,2-Dichloroethene	5.771	96	60273	18.172	ug/l	92
22) Diisopropyl ether	6.659	45	218960	18.296	ug/l	98
23) Vinyl Acetate	6.594	43	989533	90.881	ug/l	97
24) 1,1-Dichloroethane	6.553	63	120379	18.345	ug/l	98
25) 2-Butanone	7.471	43	283954	91.164	ug/l	99
26) 2,2-Dichloropropane	7.471	77	103360	18.353	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	71240	17.967	ug/l	94
28) Bromochloromethane	7.794	49	69154	21.799	ug/l	97
29) Tetrahydrofuran	7.829	42	179766	89.680	ug/l	98
30) Chloroform	7.947	83	129281	19.302	ug/l	99
31) Cyclohexane	8.241	56	93467	17.086	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	107369	18.916	ug/l	92
36) 1,1-Dichloropropene	8.347	75	79870	17.344	ug/l	98
37) Ethyl Acetate	7.547	43	113551	18.045	ug/l	97
38) Carbon Tetrachloride	8.341	117	88352	19.432	ug/l	98
39) Methylcyclohexane	9.576	83	83939	16.556	ug/l	95
40) Benzene	8.588	78	266523	18.870	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087823.D
 Acq On : 15 Sep 2025 09:56
 Operator : JC\MD
 Sample : VN0915WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2025
 Supervised By : Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:29:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	54809	16.815	ug/l	96
42) 1,2-Dichloroethane	8.653	62	105061	19.357	ug/l	100
43) Isopropyl Acetate	8.676	43	175694	17.883	ug/l	98
44) Trichloroethene	9.329	130	59748	18.528	ug/l	98
45) 1,2-Dichloropropane	9.606	63	69942	18.786	ug/l	93
46) Dibromomethane	9.694	93	51625	19.486	ug/l	95
47) Bromodichloromethane	9.871	83	105630	19.454	ug/l	100
48) Methyl methacrylate	9.665	41	81295	17.494	ug/l	98
49) 1,4-Dioxane	9.682	88	25119	417.039	ug/l #	92
51) 4-Methyl-2-Pentanone	10.423	43	555651	93.741	ug/l	99
52) Toluene	10.606	92	163321	18.652	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	109528	19.488	ug/l	96
54) cis-1,3-Dichloropropene	10.288	75	110168	18.878	ug/l	91
55) 1,1,2-Trichloroethane	10.994	97	67130	19.818	ug/l	95
56) Ethyl methacrylate	10.859	69	97174	17.951	ug/l	95
57) 1,3-Dichloropropane	11.141	76	115692	19.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	277833	94.824	ug/l	97
59) 2-Hexanone	11.176	43	350869	93.661	ug/l	99
60) Dibromochloromethane	11.335	129	75990	19.361	ug/l	99
61) 1,2-Dibromoethane	11.447	107	69960	19.587	ug/l	99
64) Tetrachloroethene	11.082	164	48297	17.584	ug/l	97
65) Chlorobenzene	11.870	112	179549	18.229	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	63703	19.482	ug/l	97
67) Ethyl Benzene	11.941	91	298893	17.527	ug/l	100
68) m/p-Xylenes	12.047	106	232869	37.234	ug/l	94
69) o-Xylene	12.376	106	108163	17.647	ug/l	99
70) Styrene	12.394	104	190127	18.516	ug/l	99
71) Bromoform	12.559	173	50471	20.126	ug/l #	97
73) Isopropylbenzene	12.676	105	278533	16.466	ug/l	99
74) N-amyl acetate	12.670	43	110795m	17.284	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	112530	19.322	ug/l	95
76) 1,2,3-Trichloropropane	12.970	75	99885m	20.347	ug/l	
77) Bromobenzene	12.959	156	74393	18.652	ug/l	90
78) n-propylbenzene	13.012	91	352826	16.934	ug/l	99
79) 2-Chlorotoluene	13.106	91	210831	16.814	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	243779	16.988	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	30640m	16.524	ug/l	
82) 4-Chlorotoluene	13.200	91	222078	16.846	ug/l	97
83) tert-Butylbenzene	13.411	119	202356	16.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	248994	17.333	ug/l	99
85) sec-Butylbenzene	13.594	105	298460	16.819	ug/l	99
86) p-Isopropyltoluene	13.706	119	248772	16.977	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	140831	17.930	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	141565	17.320	ug/l	97
89) n-Butylbenzene	14.035	91	243010	16.698	ug/l	99
90) Hexachloroethane	14.306	117	47397	16.978	ug/l	91
91) 1,2-Dichlorobenzene	14.082	146	135243	18.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23715	17.142	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	77667	17.358	ug/l	100
94) Hexachlorobutadiene	15.470	225	31275	19.606	ug/l	95
95) Naphthalene	15.611	128	260485	16.436	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	74831	17.107	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087823.D
Acq On : 15 Sep 2025 09:56
Operator : JC\MD
Sample : VN0915WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:29:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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

