

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088246.D
 Acq On : 11 Nov 2025 11:07
 Operator : JC\MD
 Sample : VN1111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 01:11:12 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	8.206	168	271967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	504976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	446456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	224546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	257835	54.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.640%			
35) Dibromofluoromethane	8.147	113	174393	51.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.820%			
50) Toluene-d8	10.541	98	646744	49.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.960%			
62) 4-Bromofluorobenzene	12.823	95	233442	50.568	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54944	17.910	ug/l	95
3) Chloromethane	2.383	50	67856	18.801	ug/l	93
4) Vinyl Chloride	2.536	62	74597	18.970	ug/l	98
5) Bromomethane	2.983	94	43717	18.586	ug/l	95
6) Chloroethane	3.148	64	48034	16.954	ug/l	99
7) Trichlorofluoromethane	3.512	101	110266	17.581	ug/l	95
8) Diethyl Ether	3.965	74	43719	18.755	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	61642	19.046	ug/l	98
10) Methyl Iodide	4.583	142	57463	19.428	ug/l #	97
11) Tert butyl alcohol	5.518	59	73487	90.702	ug/l	99
12) 1,1-Dichloroethene	4.342	96	60324	17.647	ug/l	97
13) Acrolein	4.177	56	60756	66.667	ug/l	98
14) Allyl chloride	5.012	41	120506	20.113	ug/l	97
15) Acrylonitrile	5.706	53	238129	107.899	ug/l	97
16) Acetone	4.424	43	231994	98.192	ug/l	99
17) Carbon Disulfide	4.706	76	181446	17.462	ug/l	100
18) Methyl Acetate	5.024	43	112617	23.283	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	259952	20.707	ug/l	98
20) Methylene Chloride	5.265	84	75596	19.061	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	70631	18.824	ug/l	97
22) Diisopropyl ether	6.659	45	270513	21.468	ug/l	98
23) Vinyl Acetate	6.589	43	1197880	105.537	ug/l	99
24) 1,1-Dichloroethane	6.547	63	146941	21.052	ug/l	95
25) 2-Butanone	7.465	43	324883	104.342	ug/l	99
26) 2,2-Dichloropropane	7.471	77	126725	19.979	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	88374	20.459	ug/l	98
28) Bromochloromethane	7.794	49	73595	22.315	ug/l	99
29) Tetrahydrofuran	7.824	42	208317	102.661	ug/l	97
30) Chloroform	7.947	83	149182	21.394	ug/l	99
31) Cyclohexane	8.235	56	123136	18.705	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	125633	20.229	ug/l	97
36) 1,1-Dichloropropene	8.353	75	97186	19.620	ug/l	99
37) Ethyl Acetate	7.541	43	133828	20.936	ug/l	98
38) Carbon Tetrachloride	8.341	117	103864	20.302	ug/l	96
39) Methylcyclohexane	9.582	83	109178	17.148	ug/l	96
40) Benzene	8.582	78	307073	20.356	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088246.D
 Acq On : 11 Nov 2025 11:07
 Operator : JC\MD
 Sample : VN1111WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 01:11:12 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)
41) Methacrylonitrile	7.765	41	67814	20.157	ug/l	99
42) 1,2-Dichloroethane	8.647	62	123445	23.031	ug/l	98
43) Isopropyl Acetate	8.671	43	208590	21.236	ug/l	99
44) Trichloroethene	9.335	130	68315	19.375	ug/l	92
45) 1,2-Dichloropropane	9.600	63	81280	21.342	ug/l	92
46) Dibromomethane	9.688	93	58097	21.389	ug/l	99
47) Bromodichloromethane	9.871	83	118807	21.847	ug/l	95
48) Methyl methacrylate	9.665	41	98352	21.688	ug/l	99
49) 1,4-Dioxane	9.677	88	21521	381.568	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	645562	111.097	ug/l	100
52) Toluene	10.606	92	188594	20.277	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	124371	21.488	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	131236	21.368	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	74156	21.016	ug/l	98
56) Ethyl methacrylate	10.853	69	116089	20.790	ug/l	98
57) 1,3-Dichloropropane	11.141	76	131162	21.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	309890	106.690	ug/l	100
59) 2-Hexanone	11.176	43	416667	108.092	ug/l	98
60) Dibromochloromethane	11.335	129	85497	21.318	ug/l	97
61) 1,2-Dibromoethane	11.447	107	73245	20.169	ug/l	97
64) Tetrachloroethene	11.076	164	56381	19.145	ug/l	92
65) Chlorobenzene	11.865	112	200588	19.787	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.935	131	70310	21.169	ug/l	100
67) Ethyl Benzene	11.941	91	353955	19.891	ug/l	97
68) m/p-Xylenes	12.047	106	264718	39.704	ug/l	99
69) o-Xylene	12.371	106	123585	19.553	ug/l	97
70) Styrene	12.388	104	213395	20.705	ug/l	99
71) Bromoform	12.559	173	51837	20.914	ug/l #	97
73) Isopropylbenzene	12.670	105	325939	18.820	ug/l	99
74) N-amyl acetate	12.588	43	100426m	20.427	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	110834	20.556	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	104770m	20.408	ug/l	
77) Bromobenzene	12.959	156	75799	20.296	ug/l	98
78) n-propylbenzene	13.012	91	403528	19.093	ug/l	99
79) 2-Chlorotoluene	13.100	91	246002	20.410	ug/l	95
80) 1,3,5-Trimethylbenzene	13.147	105	275694	19.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.712	75	32564	17.694	ug/l	94
82) 4-Chlorotoluene	13.200	91	250869	19.239	ug/l	100
83) tert-Butylbenzene	13.412	119	236582	18.413	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	279327	19.410	ug/l	98
85) sec-Butylbenzene	13.594	105	339393	17.979	ug/l	100
86) p-Isopropyltoluene	13.706	119	283655	18.731	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	147923	19.841	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	147247	18.389	ug/l	95
89) n-Butylbenzene	14.035	91	272269	18.151	ug/l	99
90) Hexachloroethane	14.306	117	54691	18.650	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	142278	19.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	25080	19.985	ug/l	93
93) 1,2,4-Trichlorobenzene	15.364	180	80497	18.495	ug/l	99
94) Hexachlorobutadiene	15.476	225	29075	17.939	ug/l	97
95) Naphthalene	15.611	128	273500	18.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	76377	18.302	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088246.D
Acq On : 11 Nov 2025 11:07
Operator : JC\MD
Sample : VN1111WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 01:11:12 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)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088246.D
Acq On : 11 Nov 2025 11:07
Operator : JC\MD
Sample : VN1111WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Quant Time: Nov 12 01:11:12 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 : John Carlone 11/12/2025
Supervised By : Mahesh Dadoda 11/12/2025

