

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087576.D
 Acq On : 15 Aug 2025 12:58
 Operator : JC\MD
 Sample : VN0815WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	242982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	476885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	437031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	218214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	234932	56.982	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.960%			
35) Dibromofluoromethane	8.153	113	162237	49.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.640%			
50) Toluene-d8	10.547	98	597718	50.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.829	95	223375	51.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54399	21.079	ug/l	95
3) Chloromethane	2.389	50	58277	17.957	ug/l	96
4) Vinyl Chloride	2.542	62	66263	20.545	ug/l	98
5) Bromomethane	2.983	94	37767	22.613	ug/l	92
6) Chloroethane	3.136	64	42235	20.080	ug/l	93
7) Trichlorofluoromethane	3.512	101	95794	20.086	ug/l	99
8) Diethyl Ether	3.959	74	40932	22.126	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	50062	20.449	ug/l	95
10) Methyl Iodide	4.583	142	34225	17.690	ug/l #	96
11) Tert butyl alcohol	5.524	59	78720	100.556	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	52975	19.095	ug/l	89
13) Acrolein	4.177	56	43717	69.585	ug/l	98
14) Allyl chloride	5.018	41	93266	18.576	ug/l	91
15) Acrylonitrile	5.712	53	200032	94.162	ug/l	99
16) Acetone	4.424	43	229809	118.881	ug/l	99
17) Carbon Disulfide	4.706	76	134748	16.383	ug/l	98
18) Methyl Acetate	5.018	43	113467	23.363	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	213934	20.921	ug/l	98
20) Methylene Chloride	5.271	84	65805	19.750	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	57985	18.537	ug/l	94
22) Diisopropyl ether	6.659	45	220785	20.964	ug/l	93
23) Vinyl Acetate	6.594	43	888168m	96.427	ug/l	
24) 1,1-Dichloroethane	6.553	63	117778	19.385	ug/l	96
25) 2-Butanone	7.471	43	294504	98.601	ug/l	96
26) 2,2-Dichloropropane	7.477	77	102750	21.751	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	72375	20.096	ug/l	98
28) Bromochloromethane	7.800	49	65417	22.497	ug/l	88
29) Tetrahydrofuran	7.830	42	185413	95.558	ug/l	99
30) Chloroform	7.947	83	123890	20.372	ug/l	91
31) Cyclohexane	8.235	56	99823	19.694	ug/l	92
32) 1,1,1-Trichloroethane	8.153	97	105314	19.994	ug/l	99
36) 1,1-Dichloropropene	8.353	75	79327	18.253	ug/l	98
37) Ethyl Acetate	7.547	43	113677	18.111	ug/l	98
38) Carbon Tetrachloride	8.341	117	83635	17.469	ug/l	87
39) Methylcyclohexane	9.582	83	86289	18.339	ug/l	96
40) Benzene	8.588	78	255930	18.220	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087576.D
 Acq On : 15 Aug 2025 12:58
 Operator : JC\MD
 Sample : VN0815WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	60470	18.425	ug/l	98
42) 1,2-Dichloroethane	8.653	62	101594	19.072	ug/l	99
43) Isopropyl Acetate	8.677	43	188788	19.375	ug/l	97
44) Trichloroethene	9.335	130	56703	17.084	ug/l	99
45) 1,2-Dichloropropane	9.600	63	67902	19.025	ug/l	88
46) Dibromomethane	9.694	93	49991	18.707	ug/l	96
47) Bromodichloromethane	9.871	83	100268	18.628	ug/l	96
48) Methyl methacrylate	9.665	41	86784	19.784	ug/l	91
49) 1,4-Dioxane	9.688	88	23506	349.875	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	582012	94.442	ug/l	97
52) Toluene	10.612	92	156670	18.350	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	102269	18.774	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	105170	18.690	ug/l #	88
55) 1,1,2-Trichloroethane	10.994	97	63052	18.241	ug/l	95
56) Ethyl methacrylate	10.859	69	106003	19.019	ug/l #	94
57) 1,3-Dichloropropane	11.147	76	113738	19.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	340435	120.064	ug/l	98
59) 2-Hexanone	11.182	43	376826	92.163	ug/l	98
60) Dibromochloromethane	11.341	129	69893	17.730	ug/l	100
61) 1,2-Dibromoethane	11.447	107	65533	18.032	ug/l	95
64) Tetrachloroethene	11.082	164	44546	15.837	ug/l	95
65) Chlorobenzene	11.870	112	169629	17.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	58692	17.592	ug/l	99
67) Ethyl Benzene	11.947	91	299908	18.567	ug/l	99
68) m/p-Xylenes	12.053	106	217584	35.973	ug/l	91
69) o-Xylene	12.382	106	104961	18.167	ug/l	92
70) Styrene	12.394	104	183322	18.862	ug/l	97
71) Bromoform	12.559	173	42350	15.712	ug/l #	100
73) Isopropylbenzene	12.676	105	272590	19.848	ug/l	98
74) N-amyl acetate	12.541	43	104139m	18.250	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	98427	19.046	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	99519m	20.338	ug/l	
77) Bromobenzene	12.959	156	63580	17.850	ug/l	87
78) n-propylbenzene	13.017	91	350141	20.263	ug/l	96
79) 2-Chlorotoluene	13.106	91	211887	19.952	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	236194	20.185	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	28424	15.894	ug/l	91
82) 4-Chlorotoluene	13.200	91	219058	19.813	ug/l	96
83) tert-Butylbenzene	13.417	119	194418	19.893	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	244978	20.500	ug/l	95
85) sec-Butylbenzene	13.594	105	300191	20.392	ug/l	98
86) p-Isopropyltoluene	13.706	119	246125	20.862	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	128960	18.448	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	131608	17.628	ug/l	95
89) n-Butylbenzene	14.035	91	239433	21.254	ug/l	98
90) Hexachloroethane	14.311	117	43390	17.359	ug/l	93
91) 1,2-Dichlorobenzene	14.088	146	125478	18.947	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23782	17.528	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	73539	18.904	ug/l	97
94) Hexachlorobutadiene	15.476	225	28132	19.462	ug/l	96
95) Naphthalene	15.617	128	260647	18.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	73634	18.870	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087576.D
Acq On : 15 Aug 2025 12:58
Operator : JC\MD
Sample : VN0815WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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\VN081525\
Data File : VN087576.D
Acq On : 15 Aug 2025 12:58
Operator : JC\MD
Sample : VN0815WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Quant Time: Aug 18 05:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/18/2025
Supervised By : Mahesh Dadoda 08/19/2025

