

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087893.D
 Acq On : 18 Sep 2025 14:06
 Operator : JC\MD
 Sample : VN0918MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 03:07:57 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)

Internal Standards						
1) Pentafluorobenzene	8.206	168	223725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	412769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	385924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	194945	42.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.060%		
35) Dibromofluoromethane	8.153	113	149914	50.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.600%		
50) Toluene-d8	10.547	98	512563	45.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.900%		
62) 4-Bromofluorobenzene	12.829	95	187197	47.191	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61260	19.279	ug/l	90
3) Chloromethane	2.383	50	54733	16.761	ug/l	99
4) Vinyl Chloride	2.542	62	64619	17.067	ug/l	97
5) Bromomethane	2.977	94	35493	18.168	ug/l	92
6) Chloroethane	3.136	64	40001	15.032	ug/l #	88
7) Trichlorofluoromethane	3.506	101	95680	17.248	ug/l	92
8) Diethyl Ether	3.965	74	37314	15.446	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	55839	17.790	ug/l	98
10) Methyl Iodide	4.589	142	35566	19.907	ug/l #	96
11) Tert butyl alcohol	5.518	59	63916	80.319	ug/l	97
12) 1,1-Dichloroethene	4.336	96	52007	16.123	ug/l	84
13) Acrolein	4.177	56	70618	72.184	ug/l	100
14) Allyl chloride	5.012	41	84372	14.434	ug/l	96
15) Acrylonitrile	5.706	53	196744	87.664	ug/l	98
16) Acetone	4.424	43	169165	67.793	ug/l	97
17) Carbon Disulfide	4.700	76	156314	17.603	ug/l	96
18) Methyl Acetate	5.018	43	97976	18.753	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	210799	17.421	ug/l	99
20) Methylene Chloride	5.265	84	70298	18.700	ug/l	94
21) trans-1,2-Dichloroethene	5.765	96	60959	17.438	ug/l	88
22) Diisopropyl ether	6.665	45	207943	16.485	ug/l	98
23) Vinyl Acetate	6.594	43	959398	83.600	ug/l	99
24) 1,1-Dichloroethane	6.553	63	119837	17.327	ug/l	99
25) 2-Butanone	7.471	43	281644	85.791	ug/l	93
26) 2,2-Dichloropropane	7.471	77	101529	17.104	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	75960	18.176	ug/l	96
28) Bromochloromethane	7.794	49	61756	18.470	ug/l	94
29) Tetrahydrofuran	7.830	42	183794	86.994	ug/l	96
30) Chloroform	7.953	83	129744	18.379	ug/l	97
31) Cyclohexane	8.241	56	97591	16.926	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	108080	18.066	ug/l	94
36) 1,1-Dichloropropene	8.347	75	84685	18.523	ug/l	99
37) Ethyl Acetate	7.547	43	111238	17.805	ug/l	97
38) Carbon Tetrachloride	8.341	117	91523	20.275	ug/l	97
39) Methylcyclohexane	9.582	83	93135	18.503	ug/l	89
40) Benzene	8.582	78	264099	18.833	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087893.D
 Acq On : 18 Sep 2025 14:06
 Operator : JC\MD
 Sample : VN0918MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 03:07:57 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	7.765	41	59781	18.472	ug/l	98
42) 1,2-Dichloroethane	8.653	62	100105	18.577	ug/l	97
43) Isopropyl Acetate	8.671	43	176488	18.094	ug/l	96
44) Trichloroethene	9.329	130	62193	19.426	ug/l	89
45) 1,2-Dichloropropane	9.600	63	66334	17.946	ug/l	100
46) Dibromomethane	9.688	93	52969	20.138	ug/l	94
47) Bromodichloromethane	9.871	83	102487	19.012	ug/l #	96
48) Methyl methacrylate	9.665	41	80068	17.354	ug/l	95
49) 1,4-Dioxane	9.682	88	22154	370.470	ug/l #	87
51) 4-Methyl-2-Pentanone	10.429	43	561856	95.473	ug/l	99
52) Toluene	10.612	92	164800	18.957	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	105321	18.875	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	105152	18.149	ug/l	94
55) 1,1,2-Trichloroethane	10.994	97	68941	20.500	ug/l	97
56) Ethyl methacrylate	10.859	69	100185	18.641	ug/l	98
57) 1,3-Dichloropropane	11.141	76	116934	19.647	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	276000	94.879	ug/l	97
59) 2-Hexanone	11.176	43	355754	95.651	ug/l	98
60) Dibromochloromethane	11.341	129	79214	20.329	ug/l	96
61) 1,2-Dibromoethane	11.447	107	71537	20.173	ug/l	99
64) Tetrachloroethene	11.082	164	52278	19.525	ug/l	94
65) Chlorobenzene	11.870	112	183592	19.122	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	64720	20.305	ug/l	98
67) Ethyl Benzene	11.941	91	306151	18.417	ug/l	97
68) m/p-Xylenes	12.053	106	234979	38.542	ug/l	94
69) o-Xylene	12.376	106	111196	18.611	ug/l	98
70) Styrene	12.394	104	191216	19.103	ug/l	98
71) Bromoform	12.559	173	52665	21.544	ug/l #	97
73) Isopropylbenzene	12.676	105	291681	17.852	ug/l	99
74) N-amyl acetate	12.547	43	104740m	16.916	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	110817	19.700	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	101931m	21.497	ug/l	
77) Bromobenzene	12.959	156	77544	20.129	ug/l	87
78) n-propylbenzene	13.012	91	369757	18.373	ug/l	98
79) 2-Chlorotoluene	13.106	91	216990	17.917	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	249865	18.027	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.717	75	30050	16.778	ug/l	95
82) 4-Chlorotoluene	13.200	91	223283	17.535	ug/l	98
83) tert-Butylbenzene	13.417	119	204989	17.748	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	249500	17.982	ug/l	97
85) sec-Butylbenzene	13.594	105	303844	17.727	ug/l	98
86) p-Isopropyltoluene	13.706	119	259354	18.324	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	146329	19.288	ug/l	97
88) 1,4-Dichlorobenzene	13.794	146	149338	18.916	ug/l	98
89) n-Butylbenzene	14.035	91	254695	18.119	ug/l	98
90) Hexachloroethane	14.312	117	53563	19.864	ug/l	91
91) 1,2-Dichlorobenzene	14.088	146	140694	19.548	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	24331	18.208	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	86032	19.906	ug/l	95
94) Hexachlorobutadiene	15.470	225	32292	20.958	ug/l	99
95) Naphthalene	15.617	128	261302	17.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	79211	18.748	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
Data File : VN087893.D
Acq On : 18 Sep 2025 14:06
Operator : JC\MD
Sample : VN0918MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 03:07:57 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087893.D
 Acq On : 18 Sep 2025 14:06
 Operator : JC\MD
 Sample : VN0918MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 03:07:57 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

