

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087680.D
 Acq On : 28 Aug 2025 13:24
 Operator : JC\MD
 Sample : VN0828MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 03:16:51 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	211485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	408603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	370187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	186353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203158	46.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.780%		
35) Dibromofluoromethane	8.147	113	147561	50.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.040%		
50) Toluene-d8	10.547	98	524256	47.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.829	95	183287	46.676	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61374	20.433	ug/l	98
3) Chloromethane	2.383	50	59091	19.143	ug/l	93
4) Vinyl Chloride	2.536	62	67837	18.954	ug/l	100
5) Bromomethane	2.983	94	34531	18.698	ug/l	93
6) Chloroethane	3.142	64	45198	17.968	ug/l	91
7) Trichlorofluoromethane	3.512	101	99722	19.018	ug/l	93
8) Diethyl Ether	3.959	74	39132	17.136	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	55966	18.862	ug/l	98
10) Methyl Iodide	4.577	142	30677	18.761	ug/l	97
11) Tert butyl alcohol	5.524	59	67144	89.259	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	53720	17.618	ug/l	92
13) Acrolein	4.183	56	72666	78.577	ug/l	98
14) Allyl chloride	5.012	41	83077	15.035	ug/l	93
15) Acrylonitrile	5.712	53	183151	86.331	ug/l	98
16) Acetone	4.424	43	193013	81.827	ug/l	99
17) Carbon Disulfide	4.700	76	137848	16.422	ug/l	96
18) Methyl Acetate	5.018	43	92312	18.691	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	196955	17.219	ug/l	96
20) Methylene Chloride	5.271	84	63133	17.702	ug/l	96
21) trans-1,2-Dichloroethene	5.765	96	55407	16.767	ug/l #	79
22) Diisopropyl ether	6.659	45	209173	17.542	ug/l	98
23) Vinyl Acetate	6.588	43	946844	87.282	ug/l	98
24) 1,1-Dichloroethane	6.553	63	111795	17.100	ug/l	97
25) 2-Butanone	7.471	43	272688	87.871	ug/l	99
26) 2,2-Dichloropropane	7.477	77	95856	17.083	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	65878	16.676	ug/l	96
28) Bromochloromethane	7.794	49	57250	18.114	ug/l	97
29) Tetrahydrofuran	7.830	42	169313	84.778	ug/l	99
30) Chloroform	7.947	83	119392	17.892	ug/l	96
31) Cyclohexane	8.241	56	97119	17.819	ug/l	92
32) 1,1,1-Trichloroethane	8.147	97	100573	17.784	ug/l	95
36) 1,1-Dichloropropene	8.353	75	76175	16.831	ug/l	98
37) Ethyl Acetate	7.547	43	105957	17.133	ug/l	97
38) Carbon Tetrachloride	8.347	117	84141	18.830	ug/l	99
39) Methylcyclohexane	9.576	83	89392	17.940	ug/l	98
40) Benzene	8.588	78	241215	17.377	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087680.D
 Acq On : 28 Aug 2025 13:24
 Operator : JC\MD
 Sample : VN0828MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 03:16:51 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	55238	17.243	ug/l	96
42) 1,2-Dichloroethane	8.653	62	93566	17.540	ug/l	98
43) Isopropyl Acetate	8.671	43	173012	17.918	ug/l	99
44) Trichloroethene	9.335	130	54478	17.190	ug/l	96
45) 1,2-Dichloropropane	9.600	63	61896	16.916	ug/l	96
46) Dibromomethane	9.688	93	45634	17.526	ug/l	95
47) Bromodichloromethane	9.871	83	96586	18.100	ug/l	91
48) Methyl methacrylate	9.659	41	80291	17.580	ug/l	96
49) 1,4-Dioxane	9.682	88	22007	371.763	ug/l #	91
51) 4-Methyl-2-Pentanone	10.423	43	540127	92.716	ug/l	98
52) Toluene	10.606	92	148910	17.304	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	96916	17.546	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	101790	17.748	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	59593	17.901	ug/l	96
56) Ethyl methacrylate	10.859	69	96822	18.199	ug/l	98
57) 1,3-Dichloropropane	11.141	76	106592	18.092	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	267088	92.752	ug/l	100
59) 2-Hexanone	11.176	43	336693	91.449	ug/l	96
60) Dibromochloromethane	11.341	129	67261	17.437	ug/l	97
61) 1,2-Dibromoethane	11.453	107	64733	18.441	ug/l	97
64) Tetrachloroethene	11.082	164	43678	17.006	ug/l	96
65) Chlorobenzene	11.870	112	159575	17.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	56642	18.526	ug/l	98
67) Ethyl Benzene	11.941	91	284977	17.872	ug/l	96
68) m/p-Xylenes	12.053	106	209338	35.796	ug/l	99
69) o-Xylene	12.376	106	101056	17.633	ug/l	99
70) Styrene	12.394	104	169650	17.669	ug/l	97
71) Bromoform	12.559	173	42728	18.222	ug/l #	98
73) Isopropylbenzene	12.676	105	267617	17.772	ug/l	100
74) N-amyl acetate	12.564	43	103194m	18.083	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	95232	18.369	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	92024m	21.058	ug/l	
77) Bromobenzene	12.959	156	63384	17.852	ug/l	99
78) n-propylbenzene	13.012	91	340179	18.340	ug/l	99
79) 2-Chlorotoluene	13.106	91	201697	18.070	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	228483	17.886	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	26280	15.920	ug/l	94
82) 4-Chlorotoluene	13.200	91	206057	17.558	ug/l	99
83) tert-Butylbenzene	13.417	119	188957	17.750	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	227517	17.791	ug/l	100
85) sec-Butylbenzene	13.594	105	291493	18.452	ug/l	100
86) p-Isopropyltoluene	13.706	119	233475	17.898	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	125252	17.914	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	128102	17.605	ug/l	98
89) n-Butylbenzene	14.035	91	236014	18.218	ug/l	98
90) Hexachloroethane	14.306	117	45435	18.282	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	118425	17.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22137	17.974	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	68524	17.203	ug/l	97
94) Hexachlorobutadiene	15.470	225	26462	18.634	ug/l	98
95) Naphthalene	15.611	128	237793	16.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	67896	17.436	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087680.D
Acq On : 28 Aug 2025 13:24
Operator : JC\MD
Sample : VN0828MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 03:16:51 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

