

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087837.D
 Acq On : 15 Sep 2025 15:02
 Operator : JC\MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:39:16 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	8.212	168	204697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	405190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	394337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	203313	48.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.960%		
35) Dibromofluoromethane	8.153	113	144481	49.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.780%		
50) Toluene-d8	10.547	98	499460	45.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.220%		
62) 4-Bromofluorobenzene	12.829	95	180743	46.416	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	53195	18.297	ug/l	95
3) Chloromethane	2.389	50	56288	18.840	ug/l	90
4) Vinyl Chloride	2.536	62	64520	18.625	ug/l	95
5) Bromomethane	2.983	94	28705	16.059	ug/l	96
6) Chloroethane	3.142	64	44719	18.367	ug/l	89
7) Trichlorofluoromethane	3.512	101	99089	19.524	ug/l	92
8) Diethyl Ether	3.971	74	38411	17.378	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	51645	17.983	ug/l	95
10) Methyl Iodide	4.583	142	19794	14.777	ug/l #	95
11) Tert butyl alcohol	5.530	59	62270	85.525	ug/l	96
12) 1,1-Dichloroethene	4.341	96	53213	18.031	ug/l	92
13) Acrolein	4.177	56	78133	87.290	ug/l	98
14) Allyl chloride	5.018	41	85840	16.051	ug/l	98
15) Acrylonitrile	5.712	53	185996	90.579	ug/l	98
16) Acetone	4.424	43	179547	78.642	ug/l	91
17) Carbon Disulfide	4.706	76	161646	19.896	ug/l #	95
18) Methyl Acetate	5.018	43	94490	19.766	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	198338	17.915	ug/l	99
20) Methylene Chloride	5.271	84	66257	19.302	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	58706	18.354	ug/l	86
22) Diisopropyl ether	6.659	45	206836	17.922	ug/l	99
23) Vinyl Acetate	6.588	43	840944	80.090	ug/l	99
24) 1,1-Dichloroethane	6.553	63	115355	18.230	ug/l	97
25) 2-Butanone	7.471	43	259016	86.233	ug/l	95
26) 2,2-Dichloropropane	7.477	77	86226	15.877	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	70593	18.462	ug/l	98
28) Bromochloromethane	7.800	49	66347	21.688	ug/l	96
29) Tetrahydrofuran	7.824	42	165250	85.487	ug/l	95
30) Chloroform	7.947	83	124164	19.224	ug/l	99
31) Cyclohexane	8.241	56	88094	16.699	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	101242	18.496	ug/l	93
36) 1,1-Dichloropropene	8.353	75	77690	17.311	ug/l	97
37) Ethyl Acetate	7.547	43	108388	17.674	ug/l	97
38) Carbon Tetrachloride	8.347	117	86455	19.511	ug/l	98
39) Methylcyclohexane	9.582	83	80456	16.283	ug/l	98
40) Benzene	8.594	78	256248	18.615	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	56387	17.750	ug/l	97
42) 1,2-Dichloroethane	8.653	62	95239	18.004	ug/l	98
43) Isopropyl Acetate	8.671	43	169478	17.700	ug/l	98
44) Trichloroethene	9.329	130	59459	18.919	ug/l	84
45) 1,2-Dichloropropane	9.600	63	68179	18.790	ug/l	98
46) Dibromomethane	9.688	93	49259	19.077	ug/l	95
47) Bromodichloromethane	9.871	83	101576	19.195	ug/l	99
48) Methyl methacrylate	9.665	41	73680	16.269	ug/l	96
49) 1,4-Dioxane	9.676	88	22634	385.576	ug/l #	92
51) 4-Methyl-2-Pentanone	10.423	43	536906	92.940	ug/l	99
52) Toluene	10.612	92	161853	18.966	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	99488	18.163	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	103336	18.169	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	62857	19.040	ug/l	94
56) Ethyl methacrylate	10.859	69	94548	17.921	ug/l	99
57) 1,3-Dichloropropane	11.141	76	107237	18.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	256924	89.974	ug/l	98
59) 2-Hexanone	11.182	43	342435	93.792	ug/l	100
60) Dibromochloromethane	11.335	129	71871	18.789	ug/l	99
61) 1,2-Dibromoethane	11.447	107	66113	18.993	ug/l	100
64) Tetrachloroethene	11.088	164	48378	17.683	ug/l	88
65) Chlorobenzene	11.870	112	171204	17.451	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	65131	19.998	ug/l	97
67) Ethyl Benzene	11.941	91	289282	17.030	ug/l	98
68) m/p-Xylenes	12.047	106	217591	34.929	ug/l	100
69) o-Xylene	12.376	106	104520	17.121	ug/l	97
70) Styrene	12.394	104	184223	18.012	ug/l	97
71) Bromoform	12.559	173	46212	18.501	ug/l #	96
73) Isopropylbenzene	12.676	105	268813	15.586	ug/l	100
74) N-amyl acetate	12.535	43	90375m	13.827	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	103264	17.391	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	97106m	19.401	ug/l	
77) Bromobenzene	12.959	156	69647	17.127	ug/l	94
78) n-propylbenzene	13.011	91	338010	15.911	ug/l	99
79) 2-Chlorotoluene	13.106	91	203223	15.896	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	237481	16.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.711	75	27758	14.682	ug/l #	82
82) 4-Chlorotoluene	13.200	91	216369	16.097	ug/l	98
83) tert-Butylbenzene	13.417	119	195076	16.000	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	237351	16.205	ug/l	99
85) sec-Butylbenzene	13.594	105	283340	15.660	ug/l	98
86) p-Isopropyltoluene	13.706	119	240015	16.065	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	135745	16.951	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	140030	16.803	ug/l	96
89) n-Butylbenzene	14.035	91	229284	15.452	ug/l	99
90) Hexachloroethane	14.306	117	48471	17.029	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	129184	17.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22560	15.994	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	74092	16.240	ug/l	99
94) Hexachlorobutadiene	15.476	225	29433	18.096	ug/l	98
95) Naphthalene	15.611	128	246112	15.230	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	72462	16.247	ug/l	100

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

