

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087838.D
 Acq On : 15 Sep 2025 15:22
 Operator : JC\MD
 Sample : VN0915MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 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 01:40:24 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	226595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	429279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	401357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	208257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	197578	42.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.120%		
35) Dibromofluoromethane	8.147	113	147816	47.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	10.547	98	518572	44.703	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.400%		
62) 4-Bromofluorobenzene	12.824	95	184904	44.820	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	62433	19.399	ug/l	98
3) Chloromethane	2.383	50	60086	18.167	ug/l	94
4) Vinyl Chloride	2.536	62	67676	17.648	ug/l	97
5) Bromomethane	2.983	94	32622	16.487	ug/l	97
6) Chloroethane	3.142	64	46244	17.158	ug/l	99
7) Trichlorofluoromethane	3.512	101	110087	19.594	ug/l	96
8) Diethyl Ether	3.959	74	41001	16.757	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	60965	19.177	ug/l	97
10) Methyl Iodide	4.577	142	27314	16.741	ug/l #	93
11) Tert butyl alcohol	5.518	59	60406	74.947	ug/l	95
12) 1,1-Dichloroethene	4.336	96	57746	17.676	ug/l	90
13) Acrolein	4.171	56	74282	74.968	ug/l	98
14) Allyl chloride	5.012	41	86479	14.607	ug/l	96
15) Acrylonitrile	5.706	53	194566	85.596	ug/l	99
16) Acetone	4.424	43	176973	70.024	ug/l	98
17) Carbon Disulfide	4.707	76	174047	19.352	ug/l	97
18) Methyl Acetate	5.018	43	96170	18.174	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	200300	16.344	ug/l	97
20) Methylene Chloride	5.271	84	69740	18.290	ug/l #	91
21) trans-1,2-Dichloroethene	5.771	96	60832	17.181	ug/l	90
22) Diisopropyl ether	6.659	45	212489	16.632	ug/l #	97
23) Vinyl Acetate	6.595	43	970076	83.460	ug/l	98
24) 1,1-Dichloroethane	6.553	63	120620	17.220	ug/l	99
25) 2-Butanone	7.471	43	267475	80.443	ug/l	97
26) 2,2-Dichloropropane	7.477	77	89743	14.927	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	72061	17.024	ug/l	98
28) Bromochloromethane	7.800	49	66475	19.630	ug/l	91
29) Tetrahydrofuran	7.824	42	171889	80.328	ug/l	97
30) Chloroform	7.953	83	126584	17.705	ug/l	99
31) Cyclohexane	8.242	56	101603	17.399	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	111232	18.358	ug/l	96
36) 1,1-Dichloropropene	8.353	75	82162	17.280	ug/l	96
37) Ethyl Acetate	7.548	43	106181	16.342	ug/l	96
38) Carbon Tetrachloride	8.342	117	92039	19.605	ug/l	94
39) Methylcyclohexane	9.583	83	95599	18.262	ug/l	97
40) Benzene	8.589	78	267907	18.370	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	53397	15.865	ug/l	92
42) 1,2-Dichloroethane	8.647	62	99526	17.759	ug/l	99
43) Isopropyl Acetate	8.671	43	176937	17.442	ug/l	100
44) Trichloroethene	9.330	130	62115	18.655	ug/l	95
45) 1,2-Dichloropropane	9.600	63	68546	17.831	ug/l	95
46) Dibromomethane	9.689	93	52781	19.294	ug/l	99
47) Bromodichloromethane	9.871	83	102121	18.215	ug/l	100
48) Methyl methacrylate	9.665	41	80364	16.749	ug/l	97
49) 1,4-Dioxane	9.683	88	21460	345.062	ug/l #	88
51) 4-Methyl-2-Pentanone	10.424	43	542501	88.638	ug/l	99
52) Toluene	10.606	92	161562	17.870	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	100397	17.300	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	105005	17.426	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	64657	18.487	ug/l	94
56) Ethyl methacrylate	10.859	69	98069	17.545	ug/l	99
57) 1,3-Dichloropropane	11.141	76	115966	18.735	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	266659	88.143	ug/l	97
59) 2-Hexanone	11.177	43	353223	91.318	ug/l	98
60) Dibromochloromethane	11.335	129	74593	18.406	ug/l	98
61) 1,2-Dibromoethane	11.447	107	68805	18.657	ug/l	100
64) Tetrachloroethene	11.083	164	50122	18.000	ug/l	94
65) Chlorobenzene	11.871	112	180790	18.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	63691	19.213	ug/l	99
67) Ethyl Benzene	11.941	91	307943	17.812	ug/l	98
68) m/p-Xylenes	12.047	106	231741	36.550	ug/l	97
69) o-Xylene	12.377	106	110535	17.789	ug/l	97
70) Styrene	12.388	104	186047	17.872	ug/l	98
71) Bromoform	12.559	173	49342	19.408	ug/l #	96
73) Isopropylbenzene	12.677	105	289480	17.202	ug/l	99
74) N-amyl acetate	12.535	43	87022m	13.645	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	105242	18.165	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	96244m	19.707	ug/l	
77) Bromobenzene	12.959	156	73762	18.590	ug/l	94
78) n-propylbenzene	13.012	91	364119	17.566	ug/l	99
79) 2-Chlorotoluene	13.100	91	211920	16.989	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	242748	17.004	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.718	75	28398	15.394	ug/l #	83
82) 4-Chlorotoluene	13.200	91	220179	16.788	ug/l	97
83) tert-Butylbenzene	13.412	119	214785	18.055	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	250871	17.554	ug/l	100
85) sec-Butylbenzene	13.594	105	320280	18.142	ug/l	99
86) p-Isopropyltoluene	13.706	119	257203	17.643	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	141184	18.068	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	142195	17.487	ug/l	99
89) n-Butylbenzene	14.029	91	252526	17.442	ug/l	98
90) Hexachloroethane	14.306	117	51894	18.685	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	135645	18.298	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23131	16.806	ug/l	93
93) 1,2,4-Trichlorobenzene	15.371	180	80132	18.001	ug/l	97
94) Hexachlorobutadiene	15.471	225	33000	20.794	ug/l	98
95) Naphthalene	15.618	128	252408	16.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	76886	17.668	ug/l	99

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

