

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088017.D
 Acq On : 03 Oct 2025 12:40
 Operator : JC\MD
 Sample : VN1003MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 02:54:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	214594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	395550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	370613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	195989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	181339	50.212	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	8.147	113	140941	49.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	10.547	98	493665	48.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.760%			
62) 4-Bromofluorobenzene	12.829	95	172062	47.663	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51231	20.615	ug/l	94
3) Chloromethane	2.383	50	50359	19.790	ug/l	99
4) Vinyl Chloride	2.536	62	56063	21.595	ug/l	96
5) Bromomethane	2.983	94	39486	24.534	ug/l	100
6) Chloroethane	3.142	64	37772	22.377	ug/l	99
7) Trichlorofluoromethane	3.518	101	94325	22.316	ug/l	99
8) Diethyl Ether	3.959	74	35922	22.496	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	55398	24.798	ug/l	98
10) Methyl Iodide	4.577	142	46255	23.005	ug/l	98
11) Tert butyl alcohol	5.512	59	53512	102.873	ug/l	100
12) 1,1-Dichloroethene	4.336	96	48095	21.336	ug/l #	82
13) Acrolein	4.177	56	45514	68.192	ug/l	97
14) Allyl chloride	5.024	41	74032	20.174	ug/l	97
15) Acrylonitrile	5.712	53	174295	106.821	ug/l	100
16) Acetone	4.424	43	159412	107.282	ug/l	97
17) Carbon Disulfide	4.706	76	137217	19.483	ug/l #	95
18) Methyl Acetate	5.012	43	95778	25.756	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	191898	21.793	ug/l	95
20) Methylene Chloride	5.259	84	65739	21.857	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	55252	19.994	ug/l	88
22) Diisopropyl ether	6.659	45	195506	22.821	ug/l	96
23) Vinyl Acetate	6.589	43	839859	116.434	ug/l	100
24) 1,1-Dichloroethane	6.559	63	112260	22.430	ug/l	99
25) 2-Butanone	7.471	43	241181	106.193	ug/l	95
26) 2,2-Dichloropropane	7.471	77	103103	23.186	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	70997	21.593	ug/l	99
28) Bromochloromethane	7.794	49	52314	19.238	ug/l	97
29) Tetrahydrofuran	7.824	42	151836	104.408	ug/l	99
30) Chloroform	7.947	83	122200	22.330	ug/l	99
31) Cyclohexane	8.241	56	88976	21.971	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	104473	22.593	ug/l	99
36) 1,1-Dichloropropene	8.353	75	76954	22.284	ug/l	99
37) Ethyl Acetate	7.541	43	95753	21.115	ug/l	98
38) Carbon Tetrachloride	8.341	117	87708	22.134	ug/l	96
39) Methylcyclohexane	9.583	83	79816	20.952	ug/l #	92
40) Benzene	8.588	78	251325	21.980	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	46380	19.791	ug/l	92
42) 1,2-Dichloroethane	8.647	62	95219	22.315	ug/l	98
43) Isopropyl Acetate	8.671	43	154481	21.642	ug/l	100
44) Trichloroethene	9.330	130	59557	21.806	ug/l	92
45) 1,2-Dichloropropane	9.600	63	63456	22.132	ug/l	95
46) Dibromomethane	9.688	93	50828	22.467	ug/l	91
47) Bromodichloromethane	9.871	83	99236	22.364	ug/l	100
48) Methyl methacrylate	9.665	41	69071	20.895	ug/l	95
49) 1,4-Dioxane	9.683	88	18915	387.339	ug/l #	82
51) 4-Methyl-2-Pentanone	10.424	43	483026	108.445	ug/l	100
52) Toluene	10.606	92	152933	21.314	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	97929	21.563	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	100444	21.295	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	65340	22.396	ug/l	92
56) Ethyl methacrylate	10.853	69	88041	20.885	ug/l	97
57) 1,3-Dichloropropane	11.141	76	109688	22.858	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	248097	125.170	ug/l	100
59) 2-Hexanone	11.177	43	316945	107.616	ug/l	100
60) Dibromochloromethane	11.341	129	74284	21.656	ug/l	97
61) 1,2-Dibromoethane	11.447	107	66479	21.524	ug/l	98
64) Tetrachloroethene	11.082	164	50316	22.288	ug/l	93
65) Chlorobenzene	11.871	112	172827	21.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	64305	22.610	ug/l	98
67) Ethyl Benzene	11.941	91	282504	21.466	ug/l	100
68) m/p-Xylenes	12.047	106	219140	43.539	ug/l	100
69) o-Xylene	12.376	106	103458	21.395	ug/l	99
70) Styrene	12.388	104	182000	21.915	ug/l	99
71) Bromoform	12.559	173	46736	20.254	ug/l #	95
73) Isopropylbenzene	12.671	105	262411	21.603	ug/l	100
74) N-amyl acetate	12.582	43	82688m	20.660	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	103523	23.654	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	81147m	21.004	ug/l	
77) Bromobenzene	12.959	156	66505	20.578	ug/l	92
78) n-propylbenzene	13.012	91	346362	22.807	ug/l	98
79) 2-Chlorotoluene	13.106	91	202489	21.898	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	227617	21.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	27444	19.726	ug/l	97
82) 4-Chlorotoluene	13.200	91	212955	22.855	ug/l	100
83) tert-Butylbenzene	13.412	119	197006	22.153	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	233814	21.696	ug/l	97
85) sec-Butylbenzene	13.594	105	293645	22.521	ug/l	99
86) p-Isopropyltoluene	13.706	119	242487	21.958	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	135865	21.543	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	139769	21.564	ug/l	99
89) n-Butylbenzene	14.035	91	230918	22.127	ug/l	99
90) Hexachloroethane	14.306	117	50535	21.908	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	132332	21.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	20572	20.230	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	73508	20.479	ug/l	99
94) Hexachlorobutadiene	15.470	225	28993	21.946	ug/l	99
95) Naphthalene	15.612	128	235462	20.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	71593	20.517	ug/l	97

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

