

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086492.D
 Acq On : 05 May 2025 17:37
 Operator : JC\MD
 Sample : VN0505MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:46:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	171578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127655	51.308	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.165	113	85061	58.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.340%			
50) Toluene-d8	10.565	98	398676	51.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.847	95	145272	50.964	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39712	19.525	ug/l	100
3) Chloromethane	2.359	50	53115	17.968	ug/l	99
4) Vinyl Chloride	2.512	62	51980	18.427	ug/l	97
5) Bromomethane	2.959	94	30283	23.867	ug/l	98
6) Chloroethane	3.124	64	34997	18.537	ug/l	97
7) Trichlorofluoromethane	3.501	101	63261	20.246	ug/l	100
8) Diethyl Ether	3.959	74	26091	19.127	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	38086	20.149	ug/l	98
10) Methyl Iodide	4.583	142	48055	23.124	ug/l	94
11) Tert butyl alcohol	5.518	59	43634	96.118	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37971	18.803	ug/l	97
13) Acrolein	4.177	56	21999	94.543	ug/l	97
14) Allyl chloride	5.018	41	61471m	17.123	ug/l	
15) Acrylonitrile	5.718	53	108001	96.239	ug/l	100
16) Acetone	4.430	43	89095	100.152	ug/l	100
17) Carbon Disulfide	4.712	76	102495	16.950	ug/l	97
18) Methyl Acetate	5.024	43	50923	17.051	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	143120	19.280	ug/l	99
20) Methylene Chloride	5.277	84	45869	19.942	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	41195	19.512	ug/l	93
22) Diisopropyl ether	6.671	45	137809	17.646	ug/l	95
23) Vinyl Acetate	6.600	43	564231	103.353	ug/l	97
24) 1,1-Dichloroethane	6.565	63	77933	18.913	ug/l	96
25) 2-Butanone	7.483	43	141624	91.449	ug/l	95
26) 2,2-Dichloropropane	7.488	77	61327	16.623	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	51739	19.744	ug/l	93
28) Bromochloromethane	7.812	49	33085	18.937	ug/l	90
29) Tetrahydrofuran	7.835	42	94176	90.938	ug/l	96
30) Chloroform	7.965	83	80098	19.788	ug/l	97
31) Cyclohexane	8.253	56	69926	17.342	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68811	19.872	ug/l	97
36) 1,1-Dichloropropene	8.371	75	56718	19.420	ug/l	99
37) Ethyl Acetate	7.559	43	57532	18.711	ug/l	99
38) Carbon Tetrachloride	8.359	117	57572	20.699	ug/l	99
39) Methylcyclohexane	9.600	83	63759	18.367	ug/l	98
40) Benzene	8.606	78	183706	19.632	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32727	18.364	ug/l	97
42) 1,2-Dichloroethane	8.671	62	62495	20.943	ug/l	99
43) Isopropyl Acetate	8.688	43	110170	18.530	ug/l	99
44) Trichloroethene	9.347	130	45125	20.346	ug/l	97
45) 1,2-Dichloropropane	9.618	63	43743	19.097	ug/l	99
46) Dibromomethane	9.706	93	31060	21.282	ug/l	95
47) Bromodichloromethane	9.882	83	64878	20.582	ug/l	96
48) Methyl methacrylate	9.677	41	48795	18.071	ug/l	96
49) 1,4-Dioxane	9.688	88	18407	400.760	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	306689	97.404	ug/l	99
52) Toluene	10.629	92	120415	20.623	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	68961	19.599	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	72527	18.767	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	43962	20.927	ug/l	96
56) Ethyl methacrylate	10.871	69	73684	19.082	ug/l	98
57) 1,3-Dichloropropane	11.159	76	75754	20.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	150725	82.237	ug/l	96
59) 2-Hexanone	11.194	43	224417	96.092	ug/l	98
60) Dibromochloromethane	11.359	129	48590	21.063	ug/l	100
61) 1,2-Dibromoethane	11.465	107	45638	21.530	ug/l	98
64) Tetrachloroethene	11.100	164	45856	20.708	ug/l	98
65) Chlorobenzene	11.888	112	131973	20.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	44173	20.842	ug/l	99
67) Ethyl Benzene	11.959	91	233081	20.105	ug/l	99
68) m/p-Xylenes	12.071	106	175303	40.356	ug/l	99
69) o-Xylene	12.394	106	88031	20.492	ug/l	96
70) Styrene	12.406	104	143406	20.035	ug/l	99
71) Bromoform	12.576	173	33277	20.854	ug/l #	98
73) Isopropylbenzene	12.694	105	215542	20.344	ug/l	99
74) N-amyl acetate	12.488	43	92108	17.464	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	63088	20.710	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	59573m	19.492	ug/l	
77) Bromobenzene	12.976	156	51779	22.057	ug/l	91
78) n-propylbenzene	13.035	91	245316	19.650	ug/l	99
79) 2-Chlorotoluene	13.123	91	155834	19.948	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	174103	20.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22903	17.997	ug/l	97
82) 4-Chlorotoluene	13.217	91	155170	19.996	ug/l	99
83) tert-Butylbenzene	13.435	119	150109	19.978	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	175058	19.833	ug/l	98
85) sec-Butylbenzene	13.612	105	204910	19.662	ug/l	98
86) p-Isopropyltoluene	13.723	119	171188	19.928	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	90718	20.557	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	89810	20.206	ug/l	99
89) n-Butylbenzene	14.053	91	142578	18.725	ug/l	99
90) Hexachloroethane	14.329	117	27800	19.240	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	88881	20.774	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11069	18.021	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	39022	19.047	ug/l	97
94) Hexachlorobutadiene	15.494	225	15045	19.454	ug/l	99
95) Naphthalene	15.635	128	197199	27.154	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38284	19.738	ug/l	99

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

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