

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086516.D
 Acq On : 06 May 2025 15:47
 Operator : JC\MD
 Sample : VN0506MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:56:10 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	8.224	168	179114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	128571	49.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.000%		
35) Dibromofluoromethane	8.165	113	88502	59.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	118.840%		
50) Toluene-d8	10.565	98	408587	51.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	147201	50.699	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	38789	18.269	ug/l	98
3) Chloromethane	2.359	50	50437	16.345	ug/l	100
4) Vinyl Chloride	2.512	62	48456	16.455	ug/l	99
5) Bromomethane	2.953	94	29683	22.410	ug/l	95
6) Chloroethane	3.118	64	33302	16.897	ug/l	98
7) Trichlorofluoromethane	3.500	101	63412	19.441	ug/l	93
8) Diethyl Ether	3.959	74	26291	18.463	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	37668	19.089	ug/l	97
10) Methyl Iodide	4.589	142	48122	22.182	ug/l	96
11) Tert butyl alcohol	5.512	59	45438	95.881	ug/l	100
12) 1,1-Dichloroethene	4.336	96	37946	18.000	ug/l	95
13) Acrolein	4.177	56	25954	108.936	ug/l	98
14) Allyl chloride	5.024	41	56413	15.053	ug/l	95
15) Acrylonitrile	5.718	53	106625	91.015	ug/l	99
16) Acetone	4.424	43	88288	94.773	ug/l	98
17) Carbon Disulfide	4.712	76	99614	15.781	ug/l	99
18) Methyl Acetate	5.018	43	51121	16.397	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	143043	18.459	ug/l	96
20) Methylene Chloride	5.271	84	47160	19.641	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	40832	18.526	ug/l	94
22) Diisopropyl ether	6.665	45	135844	16.663	ug/l	96
23) Vinyl Acetate	6.600	43	494468	86.764	ug/l	96
24) 1,1-Dichloroethane	6.565	63	77660	18.054	ug/l	100
25) 2-Butanone	7.477	43	140434	86.865	ug/l	94
26) 2,2-Dichloropropane	7.488	77	64888	16.848	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	50856	18.591	ug/l	94
28) Bromochloromethane	7.812	49	34810	19.086	ug/l	88
29) Tetrahydrofuran	7.835	42	93414	86.407	ug/l	95
30) Chloroform	7.965	83	80933	19.153	ug/l	98
31) Cyclohexane	8.253	56	70062	16.645	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	69981	19.360	ug/l	98
36) 1,1-Dichloropropene	8.365	75	55581	18.683	ug/l	98
37) Ethyl Acetate	7.559	43	57611	18.394	ug/l	99
38) Carbon Tetrachloride	8.359	117	58931	20.801	ug/l	98
39) Methylcyclohexane	9.600	83	62938	17.799	ug/l	97
40) Benzene	8.606	78	182043	19.099	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30181	16.627	ug/l	91
42) 1,2-Dichloroethane	8.665	62	62654	20.613	ug/l	100
43) Isopropyl Acetate	8.688	43	111933	18.477	ug/l	99
44) Trichloroethene	9.347	130	46068	20.392	ug/l	90
45) 1,2-Dichloropropane	9.618	63	43682	18.722	ug/l	100
46) Dibromomethane	9.706	93	31958	21.498	ug/l	97
47) Bromodichloromethane	9.888	83	65092	20.274	ug/l	96
48) Methyl methacrylate	9.676	41	47329	17.208	ug/l	92
49) 1,4-Dioxane	9.694	88	20698	442.421	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	303157	94.526	ug/l	98
52) Toluene	10.629	92	119325	20.064	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	70027	19.539	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	74023	18.804	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	44719	20.899	ug/l	98
56) Ethyl methacrylate	10.870	69	75190	19.116	ug/l	97
57) 1,3-Dichloropropane	11.159	76	75344	19.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	146517	78.483	ug/l	97
59) 2-Hexanone	11.194	43	225870	94.950	ug/l	100
60) Dibromochloromethane	11.353	129	49111	20.901	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46219	21.407	ug/l	98
64) Tetrachloroethene	11.100	164	46042	20.343	ug/l	97
65) Chlorobenzene	11.888	112	134146	20.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	44834	20.697	ug/l	100
67) Ethyl Benzene	11.959	91	229797	19.393	ug/l	98
68) m/p-Xylenes	12.070	106	176528	39.760	ug/l	98
69) o-Xylene	12.394	106	88665	20.194	ug/l	98
70) Styrene	12.406	104	145629	19.906	ug/l	99
71) Bromoform	12.576	173	33280	20.405	ug/l #	99
73) Isopropylbenzene	12.694	105	216406	19.766	ug/l	100
74) N-amyl acetate	12.488	43	92580	16.985	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	65217	20.717	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	61653m	19.520	ug/l	
77) Bromobenzene	12.976	156	53184	21.923	ug/l	90
78) n-propylbenzene	13.035	91	247927	19.217	ug/l	100
79) 2-Chlorotoluene	13.123	91	157128	19.463	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	175875	19.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23355	17.758	ug/l	97
82) 4-Chlorotoluene	13.217	91	155710	19.417	ug/l	99
83) tert-Butylbenzene	13.435	119	153143	19.723	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	176935	19.397	ug/l	100
85) sec-Butylbenzene	13.611	105	206437	19.168	ug/l	98
86) p-Isopropyltoluene	13.723	119	172696	19.454	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	92792	20.347	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	92311	20.097	ug/l	98
89) n-Butylbenzene	14.053	91	141750	18.015	ug/l	99
90) Hexachloroethane	14.329	117	29083	19.477	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	87812	19.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11451	18.040	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	39417	18.618	ug/l	99
94) Hexachlorobutadiene	15.500	225	15152	18.959	ug/l	99
95) Naphthalene	15.635	128	134580	17.932	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	37256	18.587	ug/l	99

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

