

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086515.D
 Acq On : 06 May 2025 15:23
 Operator : JC\MD
 Sample : VN0506MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 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 02:55:53 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	186931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131666	48.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.140%		
35) Dibromofluoromethane	8.165	113	89652	57.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.400%		
50) Toluene-d8	10.565	98	417017	50.221	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.440%		
62) 4-Bromofluorobenzene	12.847	95	142861	47.169	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37722	17.023	ug/l	99
3) Chloromethane	2.359	50	47570	14.771	ug/l	100
4) Vinyl Chloride	2.518	62	48679	15.840	ug/l	99
5) Bromomethane	2.959	94	28857	20.875	ug/l	94
6) Chloroethane	3.124	64	33294	16.187	ug/l	96
7) Trichlorofluoromethane	3.501	101	63968	18.791	ug/l	99
8) Diethyl Ether	3.959	74	24936	16.779	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	38925	18.902	ug/l	99
10) Methyl Iodide	4.589	142	45616	20.148	ug/l	97
11) Tert butyl alcohol	5.512	59	41804	84.524	ug/l	97
12) 1,1-Dichloroethene	4.342	96	37558	17.071	ug/l	97
13) Acrolein	4.177	56	25741	102.726	ug/l	95
14) Allyl chloride	5.018	41	54227	13.865	ug/l	91
15) Acrylonitrile	5.718	53	102769	84.055	ug/l	100
16) Acetone	4.430	43	84780	86.735	ug/l	99
17) Carbon Disulfide	4.712	76	98094	14.890	ug/l	98
18) Methyl Acetate	5.024	43	50791	15.610	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	139071	17.196	ug/l	95
20) Methylene Chloride	5.277	84	45402	18.118	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	41035	17.840	ug/l	90
22) Diisopropyl ether	6.665	45	132768	15.605	ug/l	95
23) Vinyl Acetate	6.600	43	485911	81.697	ug/l	98
24) 1,1-Dichloroethane	6.565	63	76514	17.044	ug/l	98
25) 2-Butanone	7.483	43	134623	79.788	ug/l	94
26) 2,2-Dichloropropane	7.483	77	67580	16.813	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	50669	17.748	ug/l	95
28) Bromochloromethane	7.812	49	33407	17.551	ug/l	85
29) Tetrahydrofuran	7.836	42	89191	79.051	ug/l	94
30) Chloroform	7.959	83	81472	18.475	ug/l	98
31) Cyclohexane	8.253	56	69881	15.908	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	71397	18.926	ug/l	95
36) 1,1-Dichloropropene	8.371	75	56250	18.126	ug/l	98
37) Ethyl Acetate	7.559	43	55641	17.031	ug/l	99
38) Carbon Tetrachloride	8.359	117	59000	19.964	ug/l	99
39) Methylcyclohexane	9.600	83	63530	17.224	ug/l	96
40) Benzene	8.600	78	182406	18.346	ug/l	99

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41) Methacrylonitrile	7.777	41	29311	15.480	ug/l	91
42) 1,2-Dichloroethane	8.671	62	60715	19.149	ug/l	100
43) Isopropyl Acetate	8.683	43	110687	17.407	ug/l	98
44) Trichloroethene	9.347	130	46102	19.563	ug/l	96
45) 1,2-Dichloropropane	9.618	63	42544	17.481	ug/l	97
46) Dibromomethane	9.706	93	30758	19.835	ug/l	95
47) Bromodichloromethane	9.882	83	63533	18.970	ug/l	97
48) Methyl methacrylate	9.677	41	45829	15.974	ug/l	93
49) 1,4-Dioxane	9.688	88	17877	366.317	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	294698	88.088	ug/l	99
52) Toluene	10.629	92	117697	18.971	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	67999	18.188	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	71768	17.477	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43240	19.372	ug/l	98
56) Ethyl methacrylate	10.871	69	71193	17.352	ug/l	98
57) 1,3-Dichloropropane	11.159	76	74092	18.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	142910	73.385	ug/l	95
59) 2-Hexanone	11.194	43	215334	86.777	ug/l	100
60) Dibromochloromethane	11.353	129	47427	19.349	ug/l	100
61) 1,2-Dibromoethane	11.465	107	44506	19.761	ug/l	99
64) Tetrachloroethene	11.100	164	44136	19.563	ug/l	92
65) Chlorobenzene	11.888	112	127286	19.446	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43186	19.999	ug/l	99
67) Ethyl Benzene	11.959	91	221649	18.765	ug/l	100
68) m/p-Xylenes	12.071	106	169269	38.246	ug/l	96
69) o-Xylene	12.394	106	85449	19.523	ug/l	94
70) Styrene	12.406	104	137352	18.834	ug/l	99
71) Bromoform	12.576	173	30798	18.943	ug/l #	99
73) Isopropylbenzene	12.694	105	207336	19.277	ug/l	100
74) N-amyl acetate	12.488	43	87445	16.331	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	61023	19.732	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	62840m	20.252	ug/l	
77) Bromobenzene	12.976	156	49109	20.606	ug/l	89
78) n-propylbenzene	13.035	91	234190	18.477	ug/l	99
79) 2-Chlorotoluene	13.123	91	149382	18.835	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	165809	18.835	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	24481	18.948	ug/l	87
82) 4-Chlorotoluene	13.218	91	146156	18.552	ug/l	98
83) tert-Butylbenzene	13.435	119	145403	19.062	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	168561	18.811	ug/l	100
85) sec-Butylbenzene	13.612	105	197232	18.641	ug/l	98
86) p-Isopropyltoluene	13.723	119	162051	18.582	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89107	19.890	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	88706	19.658	ug/l	98
89) n-Butylbenzene	14.053	91	134002	17.335	ug/l	98
90) Hexachloroethane	14.329	117	26821	18.284	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	85298	19.638	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	11486	18.420	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	39203	18.849	ug/l	99
94) Hexachlorobutadiene	15.500	225	15090	19.220	ug/l	97
95) Naphthalene	15.635	128	135759	18.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38632	19.619	ug/l	98

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

