

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085585.D
 Acq On : 30 Jan 2025 17:30
 Operator : JC\MD
 Sample : VN0130MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025

Quant Time: Jan 31 02:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	189222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140094	45.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.740%
35) Dibromofluoromethane	8.165	113	103969	45.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	10.565	98	370488	45.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.847	95	125107	45.072	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40879	15.956	ug/l	98
3) Chloromethane	2.359	50	43862	15.812	ug/l	100
4) Vinyl Chloride	2.512	62	45355	16.267	ug/l	94
5) Bromomethane	2.959	94	28357	16.837	ug/l	96
6) Chloroethane	3.124	64	32486	18.378	ug/l	96
7) Trichlorofluoromethane	3.500	101	72314	17.875	ug/l	95
8) Diethyl Ether	3.959	74	23579	16.871	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	41067	18.022	ug/l	99
10) Methyl Iodide	4.589	142	45576	17.466	ug/l	99
11) Tert butyl alcohol	5.512	59	36142	103.336	ug/l	100
12) 1,1-Dichloroethene	4.336	96	35508	17.485	ug/l	96
13) Acrolein	4.183	56	29833	62.485	ug/l	94
14) Allyl chloride	5.018	41	54342	16.491	ug/l	98
15) Acrylonitrile	5.718	53	111678	100.527	ug/l	99
16) Acetone	4.424	43	100336	101.666	ug/l	92
17) Carbon Disulfide	4.712	76	87908	14.059	ug/l	100
18) Methyl Acetate	5.018	43	64971	21.650	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	125786	19.075	ug/l	99
20) Methylene Chloride	5.277	84	44886	18.372	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	37693	17.367	ug/l	98
22) Diisopropyl ether	6.665	45	143434	19.610	ug/l	97
23) Vinyl Acetate	6.600	43	484032	94.562	ug/l	99
24) 1,1-Dichloroethane	6.571	63	82310	18.456	ug/l	98
25) 2-Butanone	7.483	43	146770	101.058	ug/l	96
26) 2,2-Dichloropropane	7.488	77	71952	19.955	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	47258	18.487	ug/l	98
28) Bromochloromethane	7.812	49	36796	17.734	ug/l	100
29) Tetrahydrofuran	7.835	42	93935	102.016	ug/l	98
30) Chloroform	7.965	83	89683	19.456	ug/l	99
31) Cyclohexane	8.253	56	62021	16.000	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	76411	18.898	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53326	16.637	ug/l	99
37) Ethyl Acetate	7.559	43	62608	19.352	ug/l	98
38) Carbon Tetrachloride	8.359	117	66080	18.008	ug/l	96
39) Methylcyclohexane	9.600	83	46078	15.298	ug/l	93
40) Benzene	8.600	78	176016	18.276	ug/l	99

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41) Methacrylonitrile	7.783	41	31264	18.574	ug/l	99
42) 1,2-Dichloroethane	8.671	62	68265	18.820	ug/l	100
43) Isopropyl Acetate	8.682	43	105500	20.351	ug/l	97
44) Trichloroethene	9.353	130	38893	17.349	ug/l	95
45) 1,2-Dichloropropane	9.618	63	45479	18.488	ug/l	98
46) Dibromomethane	9.706	93	33251	18.733	ug/l	98
47) Bromodichloromethane	9.882	83	70008	19.359	ug/l	96
48) Methyl methacrylate	9.677	41	46198	19.803	ug/l	98
49) 1,4-Dioxane	9.694	88	15647	398.286	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	316182	105.107	ug/l	100
52) Toluene	10.629	92	105092	18.833	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65074	19.042	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	69024	18.909	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	43454	19.677	ug/l	97
56) Ethyl methacrylate	10.871	69	60890	17.667	ug/l	97
57) 1,3-Dichloropropane	11.159	76	72741	18.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	115392	82.339	ug/l	97
59) 2-Hexanone	11.194	43	228237	107.829	ug/l	98
60) Dibromochloromethane	11.359	129	51351	19.260	ug/l	98
61) 1,2-Dibromoethane	11.471	107	40907	18.609	ug/l	100
64) Tetrachloroethene	11.100	164	35708	18.152	ug/l	91
65) Chlorobenzene	11.888	112	115300	18.240	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	43893	18.919	ug/l	99
67) Ethyl Benzene	11.965	91	185989	18.065	ug/l	99
68) m/p-Xylenes	12.071	106	142533	37.458	ug/l	99
69) o-Xylene	12.394	106	67251	18.494	ug/l	99
70) Styrene	12.412	104	114673	19.054	ug/l	99
71) Bromoform	12.576	173	34117	20.552	ug/l #	100
73) Isopropylbenzene	12.694	105	171738	18.075	ug/l	99
74) N-amyl acetate	12.494	43	82330	19.278	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63942	19.052	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	55079m	19.249	ug/l	
77) Bromobenzene	12.976	156	45331	18.261	ug/l	99
78) n-propylbenzene	13.035	91	208840	18.567	ug/l	100
79) 2-Chlorotoluene	13.123	91	132421	18.191	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	147515	18.796	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20643	19.519	ug/l	92
82) 4-Chlorotoluene	13.217	91	134495	18.556	ug/l	99
83) tert-Butylbenzene	13.435	119	117702	17.859	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	146239	18.696	ug/l	98
85) sec-Butylbenzene	13.612	105	169819	18.591	ug/l	100
86) p-Isopropyltoluene	13.729	119	135122	17.853	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83343	18.231	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	80834	17.059	ug/l	99
89) n-Butylbenzene	14.059	91	108350	16.534	ug/l	99
90) Hexachloroethane	14.335	117	31566	18.153	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80488	17.651	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11992	19.567	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	33508	15.811	ug/l	97
94) Hexachlorobutadiene	15.500	225	17797	15.817	ug/l	95
95) Naphthalene	15.641	128	96630	15.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35523	16.565	ug/l	98

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

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