

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086068.D
 Acq On : 24 Mar 2025 13:26
 Operator : JC\MD
 Sample : VN0324MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:21:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117074	52.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	8.165	113	95054	50.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	357045	52.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.020%			
62) 4-Bromofluorobenzene	12.847	95	119131	49.128	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40560	18.650	ug/l	92
3) Chloromethane	2.359	50	34093	17.882	ug/l	92
4) Vinyl Chloride	2.512	62	37128	19.046	ug/l	98
5) Bromomethane	2.953	94	24275	18.281	ug/l	93
6) Chloroethane	3.118	64	22203	18.054	ug/l	100
7) Trichlorofluoromethane	3.495	101	63923	18.241	ug/l	92
8) Diethyl Ether	3.959	74	18454	17.202	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	35017	18.801	ug/l	100
10) Methyl Iodide	4.583	142	44086	18.166	ug/l	93
11) Tert butyl alcohol	5.524	59	24781	77.865	ug/l	97
12) 1,1-Dichloroethene	4.342	96	31244	18.578	ug/l	94
13) Acrolein	4.177	56	32041	94.393	ug/l	94
14) Allyl chloride	5.018	41	34241	16.320	ug/l	99
15) Acrylonitrile	5.718	53	77446	92.142	ug/l	99
16) Acetone	4.430	43	57410	83.598	ug/l	96
17) Carbon Disulfide	4.706	76	92403	16.707	ug/l	99
18) Methyl Acetate	5.018	43	33399	19.657	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	96872	17.578	ug/l	94
20) Methylene Chloride	5.271	84	38228	19.028	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	35187	19.145	ug/l	89
22) Diisopropyl ether	6.671	45	87950	19.671	ug/l	98
23) Vinyl Acetate	6.600	43	306012	90.287	ug/l	99
24) 1,1-Dichloroethane	6.571	63	63014	19.166	ug/l	99
25) 2-Butanone	7.482	43	86207	86.997	ug/l	96
26) 2,2-Dichloropropane	7.482	77	59200	18.703	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	39418	18.873	ug/l	98
28) Bromochloromethane	7.806	49	29135	20.916	ug/l	98
29) Tetrahydrofuran	7.835	42	58276	95.260	ug/l	96
30) Chloroform	7.965	83	71438	19.658	ug/l	95
31) Cyclohexane	8.259	56	49794	17.778	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	66217	19.249	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44872	18.189	ug/l	99
37) Ethyl Acetate	7.553	43	36783	17.674	ug/l	99
38) Carbon Tetrachloride	8.359	117	60064	18.518	ug/l	99
39) Methylcyclohexane	9.600	83	41407	16.918	ug/l	98
40) Benzene	8.606	78	148693	19.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	17713	17.824	ug/l	97
42) 1,2-Dichloroethane	8.671	62	50677	18.780	ug/l	98
43) Isopropyl Acetate	8.688	43	66464	14.737	ug/l	94
44) Trichloroethene	9.347	130	33721	16.800	ug/l	95
45) 1,2-Dichloropropane	9.618	63	34752	19.730	ug/l	99
46) Dibromomethane	9.706	93	26546	19.164	ug/l	99
47) Bromodichloromethane	9.888	83	55626	19.214	ug/l	99
48) Methyl methacrylate	9.676	41	26270	17.652	ug/l	99
49) 1,4-Dioxane	9.694	88	13132	373.271	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	188137	94.590	ug/l	98
52) Toluene	10.629	92	94860	19.958	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50795	18.066	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55414	18.680	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	35530	19.585	ug/l	95
56) Ethyl methacrylate	10.876	69	44426	18.090	ug/l	99
57) 1,3-Dichloropropane	11.159	76	58802	19.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110976	116.391	ug/l	99
59) 2-Hexanone	11.194	43	131392	90.681	ug/l	98
60) Dibromochloromethane	11.359	129	44411	18.971	ug/l	96
61) 1,2-Dibromoethane	11.465	107	34398	18.470	ug/l	95
64) Tetrachloroethene	11.100	164	35214	18.223	ug/l	94
65) Chlorobenzene	11.888	112	99809	18.006	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39279	19.062	ug/l	99
67) Ethyl Benzene	11.959	91	157328	17.743	ug/l	97
68) m/p-Xylenes	12.070	106	128966	37.004	ug/l	100
69) o-Xylene	12.394	106	57960	18.120	ug/l	99
70) Styrene	12.412	104	101135	18.511	ug/l	97
71) Bromoform	12.576	173	32043	18.602	ug/l #	98
73) Isopropylbenzene	12.694	105	142320	16.639	ug/l	98
74) N-amyl acetate	12.488	43	47320	16.535	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	50661	17.507	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49303m	17.581	ug/l	
77) Bromobenzene	12.976	156	41616	17.448	ug/l	97
78) n-propylbenzene	13.035	91	173393	17.902	ug/l	97
79) 2-Chlorotoluene	13.123	91	114076	17.732	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	130554	18.078	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16517	15.572	ug/l	94
82) 4-Chlorotoluene	13.217	91	118976	17.984	ug/l	100
83) tert-Butylbenzene	13.435	119	96390	15.606	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	128426	17.631	ug/l	99
85) sec-Butylbenzene	13.611	105	138862	17.234	ug/l	100
86) p-Isopropyltoluene	13.729	119	115667	16.958	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	75205	17.493	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	75386	16.690	ug/l	98
89) n-Butylbenzene	14.053	91	87365	15.729	ug/l	97
90) Hexachloroethane	14.329	117	26760	17.003	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	72390	16.938	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9277	16.060	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	30722	14.296	ug/l	98
94) Hexachlorobutadiene	15.500	225	17893	14.352	ug/l	96
95) Naphthalene	15.641	128	81106	13.034	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	30842	15.126	ug/l	99

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

