

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086316.D
 Acq On : 17 Apr 2025 12:43
 Operator : JC\MD
 Sample : VN0417MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 01:30:23 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	213079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	388364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162802	52.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.380%			
35) Dibromofluoromethane	8.165	113	97854	54.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.580%			
50) Toluene-d8	10.565	98	515900	53.555	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.847	95	185193	52.707	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52536	20.799	ug/l	99
3) Chloromethane	2.359	50	70539	19.215	ug/l	98
4) Vinyl Chloride	2.512	62	68440	19.537	ug/l	96
5) Bromomethane	2.959	94	35491	22.523	ug/l	97
6) Chloroethane	3.118	64	44537	18.996	ug/l	97
7) Trichlorofluoromethane	3.501	101	79320	20.441	ug/l	99
8) Diethyl Ether	3.959	74	32931	19.440	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	46966	20.008	ug/l	99
10) Methyl Iodide	4.583	142	57164	22.150	ug/l	97
11) Tert butyl alcohol	5.518	59	58121	103.094	ug/l	100
12) 1,1-Dichloroethene	4.342	96	48709	19.422	ug/l	99
13) Acrolein	4.177	56	31551	111.670	ug/l	98
14) Allyl chloride	5.024	41	88626	19.879	ug/l	94
15) Acrylonitrile	5.718	53	139513	100.106	ug/l	100
16) Acetone	4.424	43	115069	104.390	ug/l	97
17) Carbon Disulfide	4.712	76	133534	17.782	ug/l	99
18) Methyl Acetate	5.024	43	69815	18.823	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	180677	19.599	ug/l	97
20) Methylene Chloride	5.271	84	55589	19.461	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	51207	19.530	ug/l	93
22) Diisopropyl ether	6.671	45	183182	18.888	ug/l	96
23) Vinyl Acetate	6.600	43	652396	96.228	ug/l	98
24) 1,1-Dichloroethane	6.565	63	99955	19.533	ug/l	99
25) 2-Butanone	7.477	43	186916	97.187	ug/l	99
26) 2,2-Dichloropropane	7.489	77	90768	19.811	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	63454	19.499	ug/l	98
28) Bromochloromethane	7.812	49	50018	23.053	ug/l	100
29) Tetrahydrofuran	7.836	42	123636	96.133	ug/l	98
30) Chloroform	7.959	83	98273	19.550	ug/l	98
31) Cyclohexane	8.253	56	95611	19.094	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	87523	20.353	ug/l	96
36) 1,1-Dichloropropene	8.371	75	71885	19.967	ug/l	100
37) Ethyl Acetate	7.559	43	74555	19.671	ug/l	99
38) Carbon Tetrachloride	8.359	117	70302	20.505	ug/l	99
39) Methylcyclohexane	9.600	83	83192	19.441	ug/l	99
40) Benzene	8.606	78	230819	20.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	44161	20.104	ug/l	99
42) 1,2-Dichloroethane	8.665	62	75744	20.592	ug/l	99
43) Isopropyl Acetate	8.683	43	144571	19.864	ug/l	99
44) Trichloroethene	9.353	130	55293	20.225	ug/l	93
45) 1,2-Dichloropropane	9.618	63	56265	19.928	ug/l	100
46) Dibromomethane	9.706	93	37536	20.865	ug/l	98
47) Bromodichloromethane	9.882	83	80071	20.608	ug/l	93
48) Methyl methacrylate	9.677	41	63620	19.114	ug/l	96
49) 1,4-Dioxane	9.688	88	22576	398.759	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	398280	102.619	ug/l	99
52) Toluene	10.630	92	145633	20.235	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	89532	20.643	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	93799	19.690	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	53230	20.556	ug/l	96
56) Ethyl methacrylate	10.871	69	94777	19.912	ug/l	98
57) 1,3-Dichloropropane	11.159	76	94752	20.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	213241	94.388	ug/l	99
59) 2-Hexanone	11.194	43	293977	102.119	ug/l	99
60) Dibromochloromethane	11.353	129	58694	20.641	ug/l	99
61) 1,2-Dibromoethane	11.465	107	54282	20.775	ug/l	100
64) Tetrachloroethene	11.100	164	54989	20.895	ug/l	95
65) Chlorobenzene	11.888	112	152222	19.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	51052	20.268	ug/l	97
67) Ethyl Benzene	11.959	91	279625	20.295	ug/l	99
68) m/p-Xylenes	12.071	106	211061	40.883	ug/l	99
69) o-Xylene	12.394	106	104369	20.443	ug/l	100
70) Styrene	12.406	104	173521	20.398	ug/l	100
71) Bromoform	12.576	173	38690	20.401	ug/l #	99
73) Isopropylbenzene	12.694	105	258610	20.615	ug/l	100
74) N-amyl acetate	12.488	43	113088	18.108	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	72844	20.195	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	72333m	19.987	ug/l	
77) Bromobenzene	12.976	156	58990	21.222	ug/l	97
78) n-propylbenzene	13.029	91	304839	20.621	ug/l	99
79) 2-Chlorotoluene	13.123	91	190237	20.566	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	210929	20.543	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	30703	20.375	ug/l	96
82) 4-Chlorotoluene	13.218	91	187646	20.421	ug/l	99
83) tert-Butylbenzene	13.435	119	180444	20.282	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	212525	20.334	ug/l	99
85) sec-Butylbenzene	13.612	105	252117	20.430	ug/l	99
86) p-Isopropyltoluene	13.723	119	207967	20.446	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	107373	20.549	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	107385	20.404	ug/l	100
89) n-Butylbenzene	14.053	91	181574	20.139	ug/l	100
90) Hexachloroethane	14.329	117	34948	20.426	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	105354	20.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15317	21.060	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	48583	20.027	ug/l	97
94) Hexachlorobutadiene	15.494	225	18113	19.780	ug/l	98
95) Naphthalene	15.635	128	174732	20.319	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46350	20.181	ug/l	100

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

