

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085854.D
 Acq On : 25 Feb 2025 14:00
 Operator : JC\MD
 Sample : VN0225MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 23:34:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	436749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174895	51.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.165	113	149911	52.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	10.565	98	554185	53.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.847	95	183180	53.470	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70254	19.658	ug/l	98
3) Chloromethane	2.359	50	70676	19.708	ug/l	99
4) Vinyl Chloride	2.512	62	76124	20.048	ug/l	99
5) Bromomethane	2.959	94	46095	18.985	ug/l	97
6) Chloroethane	3.118	64	49469	19.669	ug/l	97
7) Trichlorofluoromethane	3.501	101	114865	20.894	ug/l	97
8) Diethyl Ether	3.959	74	35930	20.199	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	67003	21.085	ug/l	99
10) Methyl Iodide	4.589	142	79569	20.313	ug/l	100
11) Tert butyl alcohol	5.524	59	54262	129.516	ug/l	99
12) 1,1-Dichloroethene	4.348	96	59105	20.513	ug/l	97
13) Acrolein	4.183	56	53604	86.278	ug/l	98
14) Allyl chloride	5.024	41	78072	20.638	ug/l	94
15) Acrylonitrile	5.718	53	166718	122.406	ug/l	99
16) Acetone	4.430	43	125825	116.738	ug/l	99
17) Carbon Disulfide	4.712	76	161312	18.890	ug/l	99
18) Methyl Acetate	5.018	43	90379	24.379	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	187612	21.912	ug/l	97
20) Methylene Chloride	5.277	84	75216	21.700	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	64463	20.778	ug/l	96
22) Diisopropyl ether	6.671	45	195869	22.914	ug/l	99
23) Vinyl Acetate	6.606	43	636535	108.756	ug/l	99
24) 1,1-Dichloroethane	6.571	63	128249	22.071	ug/l	99
25) 2-Butanone	7.483	43	197034	124.257	ug/l	98
26) 2,2-Dichloropropane	7.489	77	106923	20.693	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	76003	21.127	ug/l	99
28) Bromochloromethane	7.812	49	53702	22.485	ug/l	95
29) Tetrahydrofuran	7.841	42	134582	131.433	ug/l	99
30) Chloroform	7.965	83	132392	21.802	ug/l	95
31) Cyclohexane	8.253	56	92921	19.099	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	116911	21.645	ug/l	97
36) 1,1-Dichloropropene	8.365	75	84263	20.833	ug/l	98
37) Ethyl Acetate	7.559	43	83925	25.214	ug/l	99
38) Carbon Tetrachloride	8.359	117	103383	21.512	ug/l	95
39) Methylcyclohexane	9.600	83	75512	19.004	ug/l	94
40) Benzene	8.606	78	281478	21.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43416	24.400	ug/l	97
42) 1,2-Dichloroethane	8.671	62	92280	21.854	ug/l	99
43) Isopropyl Acetate	8.688	43	138164	23.361	ug/l	99
44) Trichloroethene	9.347	130	65418	20.553	ug/l	99
45) 1,2-Dichloropropane	9.618	63	69877	22.331	ug/l	99
46) Dibromomethane	9.706	93	48738	22.082	ug/l	98
47) Bromodichloromethane	9.888	83	106416	22.535	ug/l	99
48) Methyl methacrylate	9.682	41	56653	22.918	ug/l	95
49) 1,4-Dioxane	9.688	88	27203	578.697	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	425697	132.651	ug/l	99
52) Toluene	10.629	92	169479	22.303	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	96752	22.158	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	105486	22.031	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	69137	22.883	ug/l	97
56) Ethyl methacrylate	10.871	69	91506	22.714	ug/l	97
57) 1,3-Dichloropropane	11.159	76	113003	22.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	168535	116.190	ug/l	99
59) 2-Hexanone	11.194	43	300842	136.268	ug/l	98
60) Dibromochloromethane	11.359	129	81175	23.073	ug/l	100
61) 1,2-Dibromoethane	11.465	107	65846	23.066	ug/l	100
64) Tetrachloroethene	11.100	164	60267	20.194	ug/l	98
65) Chlorobenzene	11.888	112	187471	21.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	70661	22.277	ug/l	98
67) Ethyl Benzene	11.965	91	290186	20.992	ug/l	98
68) m/p-Xylenes	12.071	106	238549	45.430	ug/l	95
69) o-Xylene	12.394	106	106391	21.322	ug/l	99
70) Styrene	12.412	104	186361	21.551	ug/l	100
71) Bromoform	12.576	173	54748	23.228	ug/l #	98
73) Isopropylbenzene	12.694	105	265308	20.831	ug/l	99
74) N-amyl acetate	12.494	43	102946	22.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	98932	22.573	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	80374m	19.463	ug/l	
77) Bromobenzene	12.976	156	71879	20.889	ug/l	95
78) n-propylbenzene	13.035	91	315294	21.616	ug/l	99
79) 2-Chlorotoluene	13.123	91	204849	21.020	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	225204	21.706	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35206	24.875	ug/l	91
82) 4-Chlorotoluene	13.218	91	208491	21.580	ug/l	99
83) tert-Butylbenzene	13.435	119	179454	20.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	229625	22.371	ug/l	99
85) sec-Butylbenzene	13.618	105	253975	20.604	ug/l	99
86) p-Isopropyltoluene	13.729	119	204958	19.457	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	130436	20.233	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	129895	19.659	ug/l	99
89) n-Butylbenzene	14.053	91	161076	18.405	ug/l	96
90) Hexachloroethane	14.329	117	48257	20.671	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	127991	20.646	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18084	22.470	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	54136	18.326	ug/l	99
94) Hexachlorobutadiene	15.500	225	30739	17.122	ug/l	99
95) Naphthalene	15.641	128	150754	18.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	55344	18.662	ug/l	100

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

