

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085586.D
 Acq On : 30 Jan 2025 17:54
 Operator : JC\MD
 Sample : VN0130MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS02

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 02:38:48 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	191053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140229	45.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.165	113	103328	45.748	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.500%
50) Toluene-d8	10.565	98	360922	44.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.847	95	123310	44.920	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38864	15.024	ug/l	95
3) Chloromethane	2.359	50	42428	15.148	ug/l	97
4) Vinyl Chloride	2.512	62	45896	16.303	ug/l	99
5) Bromomethane	2.959	94	29023	17.067	ug/l	97
6) Chloroethane	3.124	64	30145	16.890	ug/l	95
7) Trichlorofluoromethane	3.500	101	73208	17.922	ug/l	95
8) Diethyl Ether	3.959	74	24616	17.444	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	41373	17.983	ug/l	99
10) Methyl Iodide	4.583	142	48127	18.266	ug/l	99
11) Tert butyl alcohol	5.524	59	38260	108.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	34764	16.954	ug/l	98
13) Acrolein	4.177	56	30974	64.253	ug/l	97
14) Allyl chloride	5.018	41	54516	16.385	ug/l	96
15) Acrylonitrile	5.718	53	112687	100.463	ug/l	98
16) Acetone	4.418	43	101027	101.385	ug/l	99
17) Carbon Disulfide	4.712	76	87244	13.819	ug/l	99
18) Methyl Acetate	5.018	43	67354	22.229	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	128509	19.302	ug/l	100
20) Methylene Chloride	5.271	84	44567	18.066	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	36743	16.767	ug/l	97
22) Diisopropyl ether	6.671	45	146538	19.843	ug/l	99
23) Vinyl Acetate	6.606	43	507712	98.237	ug/l	96
24) 1,1-Dichloroethane	6.565	63	82779	18.383	ug/l	98
25) 2-Butanone	7.483	43	153353	104.579	ug/l	98
26) 2,2-Dichloropropane	7.483	77	70737	19.430	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	46323	17.948	ug/l	98
28) Bromochloromethane	7.812	49	36137	17.249	ug/l	99
29) Tetrahydrofuran	7.841	42	99988	107.549	ug/l	100
30) Chloroform	7.965	83	88476	19.011	ug/l	99
31) Cyclohexane	8.253	56	61587	15.735	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77043	18.872	ug/l	99
36) 1,1-Dichloropropene	8.371	75	54161	17.086	ug/l	100
37) Ethyl Acetate	7.559	43	63103	19.722	ug/l	98
38) Carbon Tetrachloride	8.359	117	66284	18.265	ug/l	98
39) Methylcyclohexane	9.600	83	47849	16.063	ug/l	95
40) Benzene	8.606	78	174373	18.308	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32282	19.393	ug/l	97
42) 1,2-Dichloroethane	8.665	62	68562	19.113	ug/l	99
43) Isopropyl Acetate	8.688	43	109065	21.273	ug/l	97
44) Trichloroethene	9.347	130	39279	17.716	ug/l	97
45) 1,2-Dichloropropane	9.624	63	45726	18.795	ug/l	96
46) Dibromomethane	9.706	93	32849	18.713	ug/l	98
47) Bromodichloromethane	9.888	83	70750	19.783	ug/l	100
48) Methyl methacrylate	9.677	41	46469	20.141	ug/l	98
49) 1,4-Dioxane	9.694	88	16904	435.077	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	330280	111.017	ug/l	99
52) Toluene	10.629	92	106445	19.288	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	65023	19.239	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	69146	19.153	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43592	19.959	ug/l	98
56) Ethyl methacrylate	10.871	69	61115	17.901	ug/l	95
57) 1,3-Dichloropropane	11.159	76	74995	19.748	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	117232	84.585	ug/l	99
59) 2-Hexanone	11.194	43	234769	112.151	ug/l	99
60) Dibromochloromethane	11.359	129	51498	19.531	ug/l	99
61) 1,2-Dibromoethane	11.465	107	43125	19.837	ug/l	95
64) Tetrachloroethene	11.100	164	36487	18.777	ug/l	98
65) Chlorobenzene	11.888	112	116937	18.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44833	19.563	ug/l	98
67) Ethyl Benzene	11.959	91	187560	18.443	ug/l	97
68) m/p-Xylenes	12.070	106	145976	38.838	ug/l	98
69) o-Xylene	12.400	106	67394	18.762	ug/l	100
70) Styrene	12.406	104	116236	19.553	ug/l	99
71) Bromoform	12.576	173	34248	20.886	ug/l #	99
73) Isopropylbenzene	12.694	105	173259	18.921	ug/l	99
74) N-amyl acetate	12.494	43	81066	19.696	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	66012	20.408	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	53865m	19.533	ug/l	
77) Bromobenzene	12.976	156	45176	18.883	ug/l	98
78) n-propylbenzene	13.035	91	207419	19.134	ug/l	99
79) 2-Chlorotoluene	13.123	91	133470	19.024	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	146195	19.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	20907	20.512	ug/l	92
82) 4-Chlorotoluene	13.217	91	132889	19.023	ug/l	99
83) tert-Butylbenzene	13.435	119	118429	18.645	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	147707	19.593	ug/l	100
85) sec-Butylbenzene	13.612	105	168390	19.128	ug/l	100
86) p-Isopropyltoluene	13.729	119	135583	18.551	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	82196	18.656	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	82326	18.027	ug/l	98
89) n-Butylbenzene	14.053	91	111167	17.602	ug/l	98
90) Hexachloroethane	14.335	117	30643	18.284	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	78507	17.864	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12501	21.164	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35815	17.534	ug/l	99
94) Hexachlorobutadiene	15.500	225	17684	16.307	ug/l	94
95) Naphthalene	15.641	128	102549	16.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36439	17.631	ug/l	99

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

