

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086317.D
 Acq On : 17 Apr 2025 13:17
 Operator : JC\MD
 Sample : VN0417MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 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 01:30:40 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	193248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157826	56.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.640%			
35) Dibromofluoromethane	8.165	113	91238	54.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.300%			
50) Toluene-d8	10.565	98	480982	53.903	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.847	95	176144	54.121	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49235	21.492	ug/l	98
3) Chloromethane	2.359	50	67905	20.396	ug/l	99
4) Vinyl Chloride	2.512	62	64158	20.194	ug/l	98
5) Bromomethane	2.959	94	33801	23.652	ug/l	100
6) Chloroethane	3.124	64	43303	20.365	ug/l	98
7) Trichlorofluoromethane	3.501	101	73198	20.799	ug/l	97
8) Diethyl Ether	3.959	74	33296	21.672	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	44957	21.117	ug/l	98
10) Methyl Iodide	4.595	142	54981	23.490	ug/l	99
11) Tert butyl alcohol	5.512	59	56981	111.444	ug/l	99
12) 1,1-Dichloroethene	4.342	96	46477	20.434	ug/l	99
13) Acrolein	4.177	56	30797	121.412	ug/l	100
14) Allyl chloride	5.018	41	85284	21.092	ug/l	94
15) Acrylonitrile	5.718	53	138446	109.534	ug/l	100
16) Acetone	4.424	43	112919	113.430	ug/l	100
17) Carbon Disulfide	4.712	76	127000	18.648	ug/l	98
18) Methyl Acetate	5.024	43	71472	21.247	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	179449	21.463	ug/l	97
20) Methylene Chloride	5.271	84	54498	21.037	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	48404	20.355	ug/l	96
22) Diisopropyl ether	6.671	45	179654	20.425	ug/l	99
23) Vinyl Acetate	6.600	43	645630	105.002	ug/l	98
24) 1,1-Dichloroethane	6.565	63	95833	20.649	ug/l	99
25) 2-Butanone	7.477	43	188722	108.195	ug/l	99
26) 2,2-Dichloropropane	7.483	77	84436	20.320	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	60289	20.427	ug/l	100
28) Bromochloromethane	7.812	49	48366	24.579	ug/l	97
29) Tetrahydrofuran	7.836	42	123881	106.208	ug/l	99
30) Chloroform	7.965	83	96889	21.252	ug/l	97
31) Cyclohexane	8.253	56	89360	19.677	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82026	21.032	ug/l	96
36) 1,1-Dichloropropene	8.371	75	67170	20.142	ug/l	99
37) Ethyl Acetate	7.559	43	75302	21.448	ug/l	99
38) Carbon Tetrachloride	8.359	117	65744	20.702	ug/l	99
39) Methylcyclohexane	9.594	83	79407	20.034	ug/l	96
40) Benzene	8.606	78	220603	20.647	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44481	21.860	ug/l	98
42) 1,2-Dichloroethane	8.671	62	73990	21.716	ug/l	100
43) Isopropyl Acetate	8.688	43	149913	22.497	ug/l	97
44) Trichloroethene	9.347	130	54238	21.418	ug/l	99
45) 1,2-Dichloropropane	9.618	63	54880	20.984	ug/l	98
46) Dibromomethane	9.706	93	37341	22.409	ug/l	98
47) Bromodichloromethane	9.882	83	77581	21.556	ug/l	99
48) Methyl methacrylate	9.677	41	64448	20.904	ug/l	99
49) 1,4-Dioxane	9.688	88	23984	457.336	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	397479	110.561	ug/l	100
52) Toluene	10.629	92	137914	20.687	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	87029	21.662	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	92584	20.981	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	52438	21.862	ug/l	97
56) Ethyl methacrylate	10.871	69	92932	21.078	ug/l	98
57) 1,3-Dichloropropane	11.159	76	93057	21.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	208634	99.696	ug/l	99
59) 2-Hexanone	11.194	43	291409	109.281	ug/l	100
60) Dibromochloromethane	11.359	129	56884	21.597	ug/l	99
61) 1,2-Dibromoethane	11.465	107	53816	22.235	ug/l	99
64) Tetrachloroethene	11.100	164	52522	21.401	ug/l	96
65) Chlorobenzene	11.888	112	149473	20.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	50121	21.338	ug/l	99
67) Ethyl Benzene	11.959	91	267667	20.832	ug/l	99
68) m/p-Xylenes	12.071	106	202620	42.086	ug/l	99
69) o-Xylene	12.394	106	100770	21.165	ug/l	98
70) Styrene	12.406	104	169267	21.337	ug/l	100
71) Bromoform	12.576	173	37282	21.081	ug/l #	100
73) Isopropylbenzene	12.694	105	248297	20.435	ug/l	100
74) N-amyl acetate	12.488	43	112918	18.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	72200	20.667	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	62573m	17.852	ug/l	
77) Bromobenzene	12.976	156	57410	21.325	ug/l	99
78) n-propylbenzene	13.035	91	291418	20.354	ug/l	99
79) 2-Chlorotoluene	13.123	91	183505	20.482	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	204676	20.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	33461	22.926	ug/l	87
82) 4-Chlorotoluene	13.218	91	183779	20.650	ug/l	99
83) tert-Butylbenzene	13.435	119	170131	19.744	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	207042	20.453	ug/l	99
85) sec-Butylbenzene	13.612	105	243980	20.413	ug/l	100
86) p-Isopropyltoluene	13.729	119	202102	20.515	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	107456	21.233	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	108234	21.233	ug/l	99
89) n-Butylbenzene	14.053	91	178822	20.478	ug/l	99
90) Hexachloroethane	14.329	117	33538	20.239	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	105232	21.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15229	21.619	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	51179	21.783	ug/l	100
94) Hexachlorobutadiene	15.494	225	18858	21.262	ug/l	99
95) Naphthalene	15.635	128	182401	21.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	47808	21.493	ug/l	100

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

