

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086304.D
 Acq On : 16 Apr 2025 18:03
 Operator : JC\MD
 Sample : VN0416MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:08:34 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	8.218	168	196085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	364497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153214	53.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.165	113	94450	55.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.660%			
50) Toluene-d8	10.565	98	482912	53.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.847	95	172716	52.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44728	19.242	ug/l	99
3) Chloromethane	2.359	50	62482	18.495	ug/l	99
4) Vinyl Chloride	2.512	62	58668	18.199	ug/l	96
5) Bromomethane	2.959	94	29251	20.172	ug/l	98
6) Chloroethane	3.124	64	38215	17.712	ug/l	96
7) Trichlorofluoromethane	3.501	101	66414	18.599	ug/l	99
8) Diethyl Ether	3.959	74	28803	18.476	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	40688	18.835	ug/l	99
10) Methyl Iodide	4.589	142	49243	20.734	ug/l	99
11) Tert butyl alcohol	5.518	59	49797	95.984	ug/l	100
12) 1,1-Dichloroethene	4.348	96	42798	18.544	ug/l	97
13) Acrolein	4.177	56	21359	77.904	ug/l	97
14) Allyl chloride	5.024	41	77434	18.874	ug/l	94
15) Acrylonitrile	5.718	53	120030	93.590	ug/l	99
16) Acetone	4.424	43	97898	96.068	ug/l	99
17) Carbon Disulfide	4.712	76	119497	17.292	ug/l	99
18) Methyl Acetate	5.024	43	61868	18.126	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	155419	18.320	ug/l	100
20) Methylene Chloride	5.277	84	48762	18.550	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	43713	18.117	ug/l	98
22) Diisopropyl ether	6.665	45	158059	17.710	ug/l	99
23) Vinyl Acetate	6.600	43	571901	91.666	ug/l	99
24) 1,1-Dichloroethane	6.559	63	86902	18.454	ug/l	98
25) 2-Butanone	7.477	43	163508	92.384	ug/l	98
26) 2,2-Dichloropropane	7.488	77	74623	17.699	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	54543	18.213	ug/l	98
28) Bromochloromethane	7.812	49	44480	22.277	ug/l	97
29) Tetrahydrofuran	7.836	42	106259	89.782	ug/l	99
30) Chloroform	7.959	83	84861	18.345	ug/l	96
31) Cyclohexane	8.259	56	83360	18.090	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	74787	18.899	ug/l	96
36) 1,1-Dichloropropene	8.365	75	61317	18.147	ug/l	99
37) Ethyl Acetate	7.559	43	64095	18.018	ug/l	99
38) Carbon Tetrachloride	8.359	117	59144	18.381	ug/l	97
39) Methylcyclohexane	9.600	83	71147	17.715	ug/l	97
40) Benzene	8.600	78	200763	18.545	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35822	17.375	ug/l	95
42) 1,2-Dichloroethane	8.665	62	64718	18.747	ug/l	100
43) Isopropyl Acetate	8.683	43	128777	18.744	ug/l	98
44) Trichloroethene	9.347	130	47831	18.641	ug/l	97
45) 1,2-Dichloropropane	9.618	63	48863	18.439	ug/l	100
46) Dibromomethane	9.706	93	32143	19.037	ug/l	97
47) Bromodichloromethane	9.882	83	68607	18.814	ug/l	99
48) Methyl methacrylate	9.677	41	53903	17.255	ug/l	97
49) 1,4-Dioxane	9.688	88	20069	377.689	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	334616	91.861	ug/l	99
52) Toluene	10.629	92	124153	18.380	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75822	18.626	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	80859	18.085	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	45143	18.575	ug/l	98
56) Ethyl methacrylate	10.871	69	80007	17.909	ug/l	98
57) 1,3-Dichloropropane	11.159	76	79671	18.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	168925	79.668	ug/l	100
59) 2-Hexanone	11.194	43	248514	91.979	ug/l	99
60) Dibromochloromethane	11.353	129	49886	18.693	ug/l	99
61) 1,2-Dibromoethane	11.465	107	45678	18.627	ug/l	100
64) Tetrachloroethene	11.100	164	46421	18.742	ug/l	96
65) Chlorobenzene	11.888	112	131133	18.249	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43673	18.423	ug/l	98
67) Ethyl Benzene	11.959	91	232925	17.963	ug/l	100
68) m/p-Xylenes	12.065	106	174677	35.951	ug/l	99
69) o-Xylene	12.394	106	87716	18.255	ug/l	98
70) Styrene	12.406	104	144205	18.012	ug/l	100
71) Bromoform	12.576	173	32959	18.466	ug/l #	96
73) Isopropylbenzene	12.694	105	213720	18.127	ug/l	100
74) N-amyl acetate	12.488	43	97463	16.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	63929	18.858	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	60369m	17.749	ug/l	
77) Bromobenzene	12.976	156	48214	18.456	ug/l	98
78) n-propylbenzene	13.029	91	250403	18.023	ug/l	100
79) 2-Chlorotoluene	13.123	91	157882	18.161	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	175047	18.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27855	19.668	ug/l	95
82) 4-Chlorotoluene	13.218	91	155828	18.044	ug/l	99
83) tert-Butylbenzene	13.435	119	148259	17.731	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	177184	18.038	ug/l	100
85) sec-Butylbenzene	13.612	105	207625	17.902	ug/l	99
86) p-Isopropyltoluene	13.723	119	170115	17.795	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89078	18.139	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	88733	17.939	ug/l	99
89) n-Butylbenzene	14.053	91	147605	17.420	ug/l	98
90) Hexachloroethane	14.329	117	28537	17.747	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	89853	18.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12673	18.540	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	43325	19.003	ug/l	100
94) Hexachlorobutadiene	15.494	225	16070	18.672	ug/l	99
95) Naphthalene	15.635	128	154921	19.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40806	18.905	ug/l	100

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

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