

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085966.D
 Acq On : 12 Mar 2025 17:42
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Quant Time: Mar 13 01:41:38 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	152421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99697	50.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	8.165	113	79630	48.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.900%	
50) Toluene-d8	10.565	98	292973	48.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.847	95	103676	52.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41284	19.913	ug/l	98
3) Chloromethane	2.359	50	35855	17.235	ug/l	99
4) Vinyl Chloride	2.512	62	37351	16.957	ug/l	98
5) Bromomethane	2.959	94	22930	16.280	ug/l	96
6) Chloroethane	3.124	64	21571	14.784	ug/l	100
7) Trichlorofluoromethane	3.500	101	61427	19.261	ug/l	100
8) Diethyl Ether	3.953	74	19668	19.060	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	33376	18.105	ug/l	98
10) Methyl Iodide	4.595	142	42751	18.813	ug/l	95
11) Tert butyl alcohol	5.518	59	27046	111.280	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	31506	18.849	ug/l	97
13) Acrolein	4.183	56	30419	84.399	ug/l	98
14) Allyl chloride	5.024	41	38864	17.709	ug/l	97
15) Acrylonitrile	5.718	53	82786	104.777	ug/l	97
16) Acetone	4.436	43	60019	95.989	ug/l	99
17) Carbon Disulfide	4.712	76	93011	18.775	ug/l	97
18) Methyl Acetate	5.024	43	36251	16.856	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	102354	20.607	ug/l	96
20) Methylene Chloride	5.277	84	37595	18.697	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	33627	18.684	ug/l	99
22) Diisopropyl ether	6.671	45	99478	20.061	ug/l	99
23) Vinyl Acetate	6.600	43	347188	102.255	ug/l	99
24) 1,1-Dichloroethane	6.571	63	64518	19.139	ug/l	97
25) 2-Butanone	7.483	43	90896	98.812	ug/l	95
26) 2,2-Dichloropropane	7.488	77	53419	17.821	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	38184	18.297	ug/l	97
28) Bromochloromethane	7.812	49	29138	21.031	ug/l	99
29) Tetrahydrofuran	7.835	42	63211	106.414	ug/l	99
30) Chloroform	7.965	83	68667	19.492	ug/l	93
31) Cyclohexane	8.253	56	54252	19.222	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	61662	19.679	ug/l	98
36) 1,1-Dichloropropene	8.371	75	43604	18.744	ug/l	98
37) Ethyl Acetate	7.559	43	40588	21.202	ug/l	99
38) Carbon Tetrachloride	8.365	117	56782	20.543	ug/l	96
39) Methylcyclohexane	9.600	83	41224	18.039	ug/l	96
40) Benzene	8.600	78	147649	19.803	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21446	20.956	ug/l	97
42) 1,2-Dichloroethane	8.671	62	49207	20.262	ug/l	99
43) Isopropyl Acetate	8.682	43	71582	20.989	ug/l	99
44) Trichloroethene	9.347	130	33898	18.517	ug/l	98
45) 1,2-Dichloropropane	9.618	63	34422	19.127	ug/l	99
46) Dibromomethane	9.706	93	25583	20.153	ug/l	99
47) Bromodichloromethane	9.888	83	53105	19.553	ug/l	98
48) Methyl methacrylate	9.677	41	29286	20.599	ug/l	97
49) 1,4-Dioxane	9.688	88	12768	472.266	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	196336	106.375	ug/l	98
52) Toluene	10.629	92	90381	20.680	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	50645	20.166	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55495	20.152	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	34774	20.012	ug/l	97
56) Ethyl methacrylate	10.871	69	46706	20.325	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57555	19.841	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	77329	93.231	ug/l	98
59) 2-Hexanone	11.194	43	138326	108.941	ug/l	99
60) Dibromochloromethane	11.353	129	41222	20.373	ug/l	100
61) 1,2-Dibromoethane	11.465	107	32953	20.071	ug/l	99
64) Tetrachloroethene	11.100	164	33675	19.287	ug/l	97
65) Chlorobenzene	11.888	112	93577	18.125	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	34754	18.728	ug/l	99
67) Ethyl Benzene	11.959	91	154555	19.110	ug/l	100
68) m/p-Xylenes	12.070	106	124761	40.611	ug/l	100
69) o-Xylene	12.394	106	57068	19.549	ug/l	97
70) Styrene	12.406	104	97971	19.502	ug/l	98
71) Bromoform	12.576	173	28452	20.633	ug/l #	98
73) Isopropylbenzene	12.694	105	141577	18.503	ug/l	99
74) N-amyl acetate	12.494	43	51704	19.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49405	18.764	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	46318m	18.670	ug/l	
77) Bromobenzene	12.976	156	38879	18.808	ug/l	98
78) n-propylbenzene	13.035	91	169779	19.375	ug/l	98
79) 2-Chlorotoluene	13.123	91	110002	18.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	124801	20.023	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17695	20.811	ug/l	95
82) 4-Chlorotoluene	13.217	91	111142	19.149	ug/l	100
83) tert-Butylbenzene	13.435	119	97908	18.680	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	124521	20.193	ug/l	100
85) sec-Butylbenzene	13.612	105	135735	18.329	ug/l	98
86) p-Isopropyltoluene	13.729	119	111785	17.770	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	70024	18.080	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72559	18.279	ug/l	97
89) n-Butylbenzene	14.053	91	87567	16.655	ug/l	98
90) Hexachloroethane	14.335	117	24406	17.402	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	69072	18.546	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9296	19.227	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	31186	17.573	ug/l	97
94) Hexachlorobutadiene	15.500	225	17653	16.368	ug/l	96
95) Naphthalene	15.641	128	84407	17.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	31336	17.588	ug/l	99

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

