

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085965.D
 Acq On : 12 Mar 2025 17:18
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Quant Time: Mar 13 01:40:24 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	8.218	168	168291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106438	48.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.165	113	89862	50.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	10.565	98	314806	48.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.847	95	110393	51.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	42275	18.468	ug/l	98
3) Chloromethane	2.359	50	38186	16.624	ug/l	99
4) Vinyl Chloride	2.512	62	38055	15.647	ug/l	100
5) Bromomethane	2.959	94	24116	15.508	ug/l	89
6) Chloroethane	3.118	64	23295	14.460	ug/l	94
7) Trichlorofluoromethane	3.500	101	65804	18.688	ug/l	96
8) Diethyl Ether	3.959	74	19289	16.930	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	35631	17.505	ug/l	99
10) Methyl Iodide	4.594	142	45481	18.127	ug/l	98
11) Tert butyl alcohol	5.518	59	25892	96.486	ug/l	99
12) 1,1-Dichloroethene	4.336	96	32623	17.677	ug/l	98
13) Acrolein	4.177	56	32141	80.767	ug/l	99
14) Allyl chloride	5.018	41	41768	17.238	ug/l	96
15) Acrylonitrile	5.718	53	82037	94.038	ug/l	98
16) Acetone	4.430	43	61179	88.617	ug/l	95
17) Carbon Disulfide	4.712	76	100175	18.315	ug/l	100
18) Methyl Acetate	5.030	43	35733	15.048	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	103791	18.926	ug/l	95
20) Methylene Chloride	5.277	84	39491	17.787	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	35312	17.770	ug/l	97
22) Diisopropyl ether	6.671	45	101128	18.470	ug/l	100
23) Vinyl Acetate	6.600	43	337595	90.053	ug/l	100
24) 1,1-Dichloroethane	6.565	63	67352	18.096	ug/l	99
25) 2-Butanone	7.482	43	93861	92.413	ug/l	99
26) 2,2-Dichloropropane	7.488	77	56378	17.035	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	40671	17.651	ug/l	99
28) Bromochloromethane	7.812	49	30093	19.672	ug/l	94
29) Tetrahydrofuran	7.841	42	61666	94.023	ug/l	98
30) Chloroform	7.959	83	70912	18.231	ug/l	97
31) Cyclohexane	8.253	56	55622	17.849	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	64040	18.511	ug/l	98
36) 1,1-Dichloropropene	8.371	75	47658	18.826	ug/l	99
37) Ethyl Acetate	7.565	43	39213	18.823	ug/l	98
38) Carbon Tetrachloride	8.359	117	60575	20.139	ug/l	97
39) Methylcyclohexane	9.600	83	43348	17.430	ug/l	96
40) Benzene	8.606	78	154125	18.996	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20107	18.055	ug/l	93
42) 1,2-Dichloroethane	8.665	62	51041	19.313	ug/l	99
43) Isopropyl Acetate	8.688	43	75224	20.250	ug/l	98
44) Trichloroethene	9.353	130	34777	17.457	ug/l	97
45) 1,2-Dichloropropane	9.618	63	36021	18.393	ug/l	95
46) Dibromomethane	9.706	93	25378	18.371	ug/l	96
47) Bromodichloromethane	9.888	83	55613	18.817	ug/l	96
48) Methyl methacrylate	9.682	41	29601	19.133	ug/l	98
49) 1,4-Dioxane	9.688	88	12215	415.181	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	195831	97.499	ug/l	99
52) Toluene	10.629	92	95342	20.046	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	52155	19.084	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	56716	18.925	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	35207	18.618	ug/l	96
56) Ethyl methacrylate	10.871	69	47674	19.147	ug/l	100
57) 1,3-Dichloropropane	11.159	76	58854	18.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76649	84.675	ug/l	98
59) 2-Hexanone	11.194	43	136937	99.103	ug/l	98
60) Dibromochloromethane	11.353	129	43017	19.536	ug/l	98
61) 1,2-Dibromoethane	11.470	107	33956	19.005	ug/l	98
64) Tetrachloroethene	11.100	164	35785	19.235	ug/l	97
65) Chlorobenzene	11.888	112	98045	17.822	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	37422	18.925	ug/l	98
67) Ethyl Benzene	11.959	91	161777	18.773	ug/l	98
68) m/p-Xylenes	12.070	106	127541	38.963	ug/l	98
69) o-Xylene	12.394	106	57977	18.639	ug/l	97
70) Styrene	12.406	104	99612	18.666	ug/l	97
71) Bromoform	12.576	173	29295	19.938	ug/l #	95
73) Isopropylbenzene	12.694	105	145141	18.135	ug/l	100
74) N-amyl acetate	12.488	43	52329	18.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49396	17.935	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	46136m	17.778	ug/l	
77) Bromobenzene	12.976	156	39183	18.121	ug/l	98
78) n-propylbenzene	13.035	91	169492	18.491	ug/l	100
79) 2-Chlorotoluene	13.123	91	111171	18.153	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	125829	19.300	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	15752	17.711	ug/l	98
82) 4-Chlorotoluene	13.217	91	114319	18.830	ug/l	98
83) tert-Butylbenzene	13.435	119	100022	18.244	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	128629	19.941	ug/l	97
85) sec-Butylbenzene	13.612	105	138658	17.900	ug/l	100
86) p-Isopropyltoluene	13.729	119	115451	17.559	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	69908	17.256	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	71654	17.257	ug/l	99
89) n-Butylbenzene	14.053	91	89485	16.271	ug/l	97
90) Hexachloroethane	14.329	117	24496	16.698	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	69810	17.920	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.711	75	9363	18.514	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	29676	15.986	ug/l	98
94) Hexachlorobutadiene	15.500	225	16781	14.875	ug/l	98
95) Naphthalene	15.635	128	80879	15.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29960	16.076	ug/l	96

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

