

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085369.D
 Acq On : 31 Dec 2024 13:28
 Operator : JC\MD
 Sample : VN1231MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 02:06:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	147144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114213	54.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.840%
35) Dibromofluoromethane	8.165	113	85842	52.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	10.565	98	304645	50.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.847	95	104053	52.205	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42249	21.230	ug/l	97
3) Chloromethane	2.359	50	43624	19.504	ug/l	99
4) Vinyl Chloride	2.512	62	42172	17.829	ug/l #	86
5) Bromomethane	2.959	94	26676	17.244	ug/l	95
6) Chloroethane	3.118	64	28901	19.266	ug/l	98
7) Trichlorofluoromethane	3.501	101	61062	19.638	ug/l	99
8) Diethyl Ether	3.959	74	23084	22.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	36606	20.690	ug/l	98
10) Methyl Iodide	4.583	142	41169	20.107	ug/l	99
11) Tert butyl alcohol	5.524	59	34233	130.263	ug/l	97
12) 1,1-Dichloroethene	4.342	96	31956	19.543	ug/l	87
13) Acrolein	4.177	56	48478	118.319	ug/l	97
14) Allyl chloride	5.018	41	50458	19.281	ug/l	99
15) Acrylonitrile	5.718	53	103922	125.642	ug/l	99
16) Acetone	4.430	43	88132	127.708	ug/l	95
17) Carbon Disulfide	4.712	76	86401	17.369	ug/l	97
18) Methyl Acetate	5.018	43	55727	26.376	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	114882	21.616	ug/l	93
20) Methylene Chloride	5.271	84	39727	21.402	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	33403	19.556	ug/l	95
22) Diisopropyl ether	6.671	45	128507	22.787	ug/l	97
23) Vinyl Acetate	6.600	43	466640	114.382	ug/l	100
24) 1,1-Dichloroethane	6.565	63	72147	21.238	ug/l	99
25) 2-Butanone	7.483	43	138173	129.058	ug/l	95
26) 2,2-Dichloropropane	7.494	77	59440	19.972	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41160	20.531	ug/l	95
28) Bromochloromethane	7.806	49	34380	21.778	ug/l #	100
29) Tetrahydrofuran	7.835	42	91039	132.008	ug/l	98
30) Chloroform	7.965	83	73403	21.121	ug/l	97
31) Cyclohexane	8.253	56	57002	18.376	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	61670	19.869	ug/l	92
36) 1,1-Dichloropropene	8.365	75	46801	19.544	ug/l	99
37) Ethyl Acetate	7.559	43	56265	23.640	ug/l	100
38) Carbon Tetrachloride	8.359	117	53145	20.361	ug/l	99
39) Methylcyclohexane	9.600	83	46057	18.538	ug/l	93
40) Benzene	8.606	78	153115	21.149	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31436	25.789	ug/l	97
42) 1,2-Dichloroethane	8.671	62	57720	22.236	ug/l	99
43) Isopropyl Acetate	8.688	43	94110	24.013	ug/l	99
44) Trichloroethene	9.353	130	33693	19.657	ug/l	95
45) 1,2-Dichloropropane	9.618	63	39537	21.512	ug/l	97
46) Dibromomethane	9.706	93	27273	21.337	ug/l	97
47) Bromodichloromethane	9.888	83	57849	21.775	ug/l	97
48) Methyl methacrylate	9.677	41	42573	25.035	ug/l	97
49) 1,4-Dioxane	9.694	88	14584	568.410	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	292512	132.816	ug/l	99
52) Toluene	10.629	92	90815	21.066	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	56745	21.720	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	61014	21.597	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36409	22.370	ug/l	94
56) Ethyl methacrylate	10.871	69	55991	23.621	ug/l	97
57) 1,3-Dichloropropane	11.159	76	65330	22.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121080	105.576	ug/l	98
59) 2-Hexanone	11.194	43	212825	139.281	ug/l	97
60) Dibromochloromethane	11.359	129	42085	22.957	ug/l	100
61) 1,2-Dibromoethane	11.465	107	37118	23.051	ug/l	97
64) Tetrachloroethene	11.100	164	29069	19.646	ug/l	96
65) Chlorobenzene	11.888	112	98829	19.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35898	21.196	ug/l	98
67) Ethyl Benzene	11.959	91	165405	19.709	ug/l	97
68) m/p-Xylenes	12.071	106	126183	41.086	ug/l	100
69) o-Xylene	12.400	106	58910	19.828	ug/l	96
70) Styrene	12.412	104	101040	20.984	ug/l	99
71) Bromoform	12.576	173	27068	23.075	ug/l #	100
73) Isopropylbenzene	12.694	105	148757	19.098	ug/l	98
74) N-amyl acetate	12.494	43	76123	22.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	54894	22.127	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	45911m	22.698	ug/l	
77) Bromobenzene	12.976	156	37447	19.404	ug/l	98
78) n-propylbenzene	13.035	91	183146	20.171	ug/l	99
79) 2-Chlorotoluene	13.123	91	116877	20.453	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	128078	20.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	17935m	21.234	ug/l	
82) 4-Chlorotoluene	13.223	91	114930	19.970	ug/l	100
83) tert-Butylbenzene	13.435	119	103150	18.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	127497	20.323	ug/l	97
85) sec-Butylbenzene	13.612	105	147097	19.417	ug/l	99
86) p-Isopropyltoluene	13.729	119	120487	18.584	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	69002	19.724	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69522	19.346	ug/l	98
89) n-Butylbenzene	14.053	91	103803	18.712	ug/l	98
90) Hexachloroethane	14.329	117	25232	20.319	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	66881	20.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10409	23.575	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31293	18.814	ug/l	100
94) Hexachlorobutadiene	15.494	225	14403	17.428	ug/l	95
95) Naphthalene	15.641	128	104223	18.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	31455	18.928	ug/l	100

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

