

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085726.D
 Acq On : 10 Feb 2025 16:12
 Operator : JC\MD
 Sample : VN0210MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	245199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165041	41.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.400%
35) Dibromofluoromethane	8.165	113	135072	46.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.565	98	476734	46.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.847	95	158553	44.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60958	18.361	ug/l	99
3) Chloromethane	2.359	50	60497	16.830	ug/l	98
4) Vinyl Chloride	2.512	62	62328	17.251	ug/l	98
5) Bromomethane	2.959	94	36831	16.876	ug/l	99
6) Chloroethane	3.124	64	39449	17.222	ug/l	100
7) Trichlorofluoromethane	3.500	101	85307	16.272	ug/l	99
8) Diethyl Ether	3.959	74	27571	15.224	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	49310	16.700	ug/l	98
10) Methyl Iodide	4.589	142	60633	17.931	ug/l	95
11) Tert butyl alcohol	5.518	59	36121	79.699	ug/l	99
12) 1,1-Dichloroethene	4.342	96	44822	17.032	ug/l	93
13) Acrolein	4.177	56	56448	91.239	ug/l	98
14) Allyl chloride	5.030	41	58622	13.728	ug/l	94
15) Acrylonitrile	5.718	53	108580	75.425	ug/l	99
16) Acetone	4.430	43	90345	70.644	ug/l	97
17) Carbon Disulfide	4.706	76	130418	16.096	ug/l	98
18) Methyl Acetate	5.018	43	59206	15.225	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	136179	15.937	ug/l	96
20) Methylene Chloride	5.277	84	52440	16.564	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	46668	16.594	ug/l	94
22) Diisopropyl ether	6.671	45	140080	14.780	ug/l	98
23) Vinyl Acetate	6.600	43	489778	73.840	ug/l	95
24) 1,1-Dichloroethane	6.571	63	89793	15.537	ug/l	97
25) 2-Butanone	7.483	43	136601	72.584	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	79387	16.990	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	54448	16.437	ug/l	95
28) Bromochloromethane	7.812	49	53797	20.008	ug/l	90
29) Tetrahydrofuran	7.835	42	89937	75.376	ug/l	91
30) Chloroform	7.965	83	94004	15.738	ug/l	96
31) Cyclohexane	8.259	56	73712	14.675	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	84325	16.095	ug/l	96
36) 1,1-Dichloropropene	8.365	75	62600	15.385	ug/l	99
37) Ethyl Acetate	7.553	43	58868	14.333	ug/l	97
38) Carbon Tetrachloride	8.359	117	75010	16.102	ug/l	94
39) Methylcyclohexane	9.600	83	56676	14.823	ug/l	98
40) Benzene	8.606	78	203787	16.668	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29129	13.632	ug/l #	89
42) 1,2-Dichloroethane	8.665	62	69266	15.043	ug/l	97
43) Isopropyl Acetate	8.682	43	104717	15.912	ug/l	99
44) Trichloroethene	9.353	130	47458	16.676	ug/l	95
45) 1,2-Dichloropropane	9.618	63	48974	15.682	ug/l	99
46) Dibromomethane	9.706	93	35198	15.620	ug/l	94
47) Bromodichloromethane	9.882	83	73875	16.092	ug/l	91
48) Methyl methacrylate	9.682	41	41447	13.995	ug/l	90
49) 1,4-Dioxane	9.688	88	16057	321.962	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	286321	74.976	ug/l	95
52) Toluene	10.629	92	123708	17.463	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	68993	15.903	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	76547	16.518	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	48155	17.177	ug/l	96
56) Ethyl methacrylate	10.871	69	62531	14.661	ug/l	93
57) 1,3-Dichloropropane	11.159	76	78418	16.087	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	174775	98.240	ug/l	98
59) 2-Hexanone	11.194	43	203671	75.797	ug/l	94
60) Dibromochloromethane	11.359	129	54257	16.031	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46853	16.790	ug/l	98
64) Tetrachloroethene	11.100	164	43635	17.844	ug/l	98
65) Chlorobenzene	11.888	112	133175	16.948	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48218	16.719	ug/l	97
67) Ethyl Benzene	11.959	91	208275	16.273	ug/l	97
68) m/p-Xylenes	12.070	106	165444	34.977	ug/l	97
69) o-Xylene	12.394	106	76577	16.940	ug/l	96
70) Styrene	12.406	104	129062	17.252	ug/l	99
71) Bromoform	12.576	173	36792	17.830	ug/l #	100
73) Isopropylbenzene	12.694	105	188886	16.616	ug/l	98
74) N-amyl acetate	12.488	43	74617	14.604	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	66966	16.677	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	62193m	18.167	ug/l	
77) Bromobenzene	12.976	156	49684	16.729	ug/l	95
78) n-propylbenzene	13.035	91	223440	16.604	ug/l	100
79) 2-Chlorotoluene	13.123	91	142610	16.374	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	159522	16.989	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21534m	17.019	ug/l	
82) 4-Chlorotoluene	13.217	91	144064	16.613	ug/l	99
83) tert-Butylbenzene	13.435	119	127271	16.141	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	156730	16.748	ug/l	98
85) sec-Butylbenzene	13.612	105	178962	16.376	ug/l	98
86) p-Isopropyltoluene	13.729	119	143950	15.979	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89224	16.313	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	90928	16.039	ug/l	97
89) n-Butylbenzene	14.053	91	112877	14.397	ug/l	99
90) Hexachloroethane	14.329	117	31326	15.057	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	86762	15.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12275	16.741	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35794	14.117	ug/l	99
94) Hexachlorobutadiene	15.494	225	20531	15.251	ug/l	99
95) Naphthalene	15.635	128	101875	13.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36802	14.344	ug/l	99

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

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