

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085364.D
 Acq On : 31 Dec 2024 11:18
 Operator : JC\MD
 Sample : VN1231MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231MBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 01 02:03:13 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	8.224	168	151103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117253	54.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.820%
35) Dibromofluoromethane	8.165	113	88333	53.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.800%
50) Toluene-d8	10.565	98	321708	53.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.980%
62) 4-Bromofluorobenzene	12.847	95	107086	53.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41630	20.371	ug/l	100
3) Chloromethane	2.359	50	42999	18.721	ug/l	97
4) Vinyl Chloride	2.512	62	43637	17.965	ug/l	94
5) Bromomethane	2.959	94	27667	17.416	ug/l	97
6) Chloroethane	3.118	64	29213	18.964	ug/l	99
7) Trichlorofluoromethane	3.500	101	62020	19.423	ug/l	100
8) Diethyl Ether	3.965	74	21494	20.330	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	36020	19.825	ug/l	98
10) Methyl Iodide	4.589	142	39822	18.940	ug/l	94
11) Tert butyl alcohol	5.518	59	31577	117.008	ug/l	97
12) 1,1-Dichloroethene	4.342	96	31983	19.047	ug/l	96
13) Acrolein	4.183	56	48011	114.109	ug/l	99
14) Allyl chloride	5.030	41	52377m	19.490	ug/l	
15) Acrylonitrile	5.718	53	98511	115.979	ug/l	98
16) Acetone	4.430	43	84680	119.491	ug/l	97
17) Carbon Disulfide	4.712	76	89328	17.487	ug/l	98
18) Methyl Acetate	5.024	43	53923	24.853	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	111793	20.483	ug/l	98
20) Methylene Chloride	5.277	84	39917	20.941	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	34147	19.467	ug/l	85
22) Diisopropyl ether	6.665	45	126658	21.871	ug/l	97
23) Vinyl Acetate	6.600	43	456615	108.993	ug/l	98
24) 1,1-Dichloroethane	6.571	63	71414	20.471	ug/l	98
25) 2-Butanone	7.477	43	134874	122.676	ug/l	98
26) 2,2-Dichloropropane	7.494	77	58911	19.275	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	40979	19.905	ug/l	96
28) Bromochloromethane	7.812	49	32983	20.345	ug/l #	99
29) Tetrahydrofuran	7.835	42	87185	123.108	ug/l	98
30) Chloroform	7.965	83	73143	20.495	ug/l	98
31) Cyclohexane	8.253	56	57691	18.111	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	61902	19.421	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47274	19.700	ug/l	98
37) Ethyl Acetate	7.559	43	52192	21.882	ug/l	98
38) Carbon Tetrachloride	8.359	117	54221	20.730	ug/l	100
39) Methylcyclohexane	9.600	83	46792	18.794	ug/l	95
40) Benzene	8.606	78	152479	21.016	ug/l	99

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41) Methacrylonitrile	7.777	41	30244	24.759	ug/l	95
42) 1,2-Dichloroethane	8.671	62	58445	22.468	ug/l	100
43) Isopropyl Acetate	8.688	43	94489	24.059	ug/l	97
44) Trichloroethene	9.353	130	33886	19.727	ug/l	96
45) 1,2-Dichloropropane	9.618	63	38813	21.074	ug/l	97
46) Dibromomethane	9.706	93	28230	22.039	ug/l	99
47) Bromodichloromethane	9.882	83	58213	21.866	ug/l	95
48) Methyl methacrylate	9.682	41	41491	24.347	ug/l	98
49) 1,4-Dioxane	9.694	88	13617	529.602	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	282948	128.202	ug/l	100
52) Toluene	10.629	92	93535	21.652	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	53435	20.410	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	60148	21.246	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	36148	22.163	ug/l	95
56) Ethyl methacrylate	10.871	69	54533	22.957	ug/l	98
57) 1,3-Dichloropropane	11.159	76	64713	22.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	113570	98.819	ug/l	100
59) 2-Hexanone	11.194	43	203745	133.057	ug/l	96
60) Dibromochloromethane	11.359	129	42817	23.307	ug/l	100
61) 1,2-Dibromoethane	11.471	107	35525	22.016	ug/l	98
64) Tetrachloroethene	11.100	164	29417	19.729	ug/l	99
65) Chlorobenzene	11.888	112	99037	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35915	21.044	ug/l	99
67) Ethyl Benzene	11.959	91	166793	19.723	ug/l	96
68) m/p-Xylenes	12.070	106	128574	41.545	ug/l	100
69) o-Xylene	12.394	106	59389	19.837	ug/l	96
70) Styrene	12.412	104	101278	20.873	ug/l	99
71) Bromoform	12.576	173	26421	22.352	ug/l #	99
73) Isopropylbenzene	12.694	105	151278	19.511	ug/l	100
74) N-ethyl acetate	12.494	43	75361	22.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	56019	22.685	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	45920m	22.807	ug/l	
77) Bromobenzene	12.982	156	37799	19.677	ug/l	99
78) n-propylbenzene	13.035	91	186961	20.686	ug/l	99
79) 2-Chlorotoluene	13.123	91	113581	19.968	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	127046	20.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17918m	21.312	ug/l	
82) 4-Chlorotoluene	13.217	91	115890	20.230	ug/l	99
83) tert-Butylbenzene	13.435	119	103975	19.139	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126806	20.306	ug/l	97
85) sec-Butylbenzene	13.612	105	148250	19.660	ug/l	99
86) p-Isopropyltoluene	13.729	119	120576	18.681	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	68902	19.786	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69991	19.567	ug/l	97
89) n-Butylbenzene	14.053	91	102336	18.533	ug/l	98
90) Hexachloroethane	14.335	117	26126	21.137	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	66169	19.947	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10388	23.637	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	30797	18.602	ug/l	98
94) Hexachlorobutadiene	15.494	225	14511	17.640	ug/l	95
95) Naphthalene	15.641	128	95697	17.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31609	19.108	ug/l	99

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

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