

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084678.D
 Acq On : 05 Nov 2024 11:22
 Operator : JC\MD
 Sample : VN1105MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105MBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 06 00:25:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120556	47.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.500%		
35) Dibromofluoromethane	8.165	113	97812	49.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	10.565	98	349201	47.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.260%		
62) 4-Bromofluorobenzene	12.847	95	130693	47.695	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	37537	18.679	ug/l	92
3) Chloromethane	2.359	50	42473	16.314	ug/l	100
4) Vinyl Chloride	2.512	62	39842	18.434	ug/l	99
5) Bromomethane	2.900	94	20275	17.705	ug/l	97
6) Chloroethane	3.065	64	26701	19.095	ug/l	96
7) Trichlorofluoromethane	3.465	101	68146	19.140	ug/l	100
8) Diethyl Ether	3.953	74	25305	20.148	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	38606	19.190	ug/l	99
10) Methyl Iodide	4.577	142	52878	19.666	ug/l	99
11) Tert butyl alcohol	5.536	59	40561	121.707	ug/l	99
12) 1,1-Dichloroethene	4.330	96	37459	18.817	ug/l	87
13) Acrolein	4.171	56	33428	100.588	ug/l	95
14) Allyl chloride	5.018	41	60900	18.864	ug/l	93
15) Acrylonitrile	5.718	53	107945	111.884	ug/l	99
16) Acetone	4.424	43	87936	119.079	ug/l	99
17) Carbon Disulfide	4.694	76	100295	16.360	ug/l	98
18) Methyl Acetate	5.018	43	58378	19.476	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	124579	20.417	ug/l	94
20) Methylene Chloride	5.259	84	43653	19.658	ug/l	89
21) trans-1,2-Dichloroethene	5.771	96	37246	18.221	ug/l	93
22) Diisopropyl ether	6.665	45	130033	20.271	ug/l	96
23) Vinyl Acetate	6.594	43	461224	104.261	ug/l	98
24) 1,1-Dichloroethane	6.559	63	74088	19.237	ug/l #	97
25) 2-Butanone	7.482	43	138000	117.157	ug/l	98
26) 2,2-Dichloropropane	7.488	77	63851	19.048	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	46643	19.542	ug/l	98
28) Bromochloromethane	7.812	49	33216	21.647	ug/l	93
29) Tetrahydrofuran	7.841	42	93487	119.634	ug/l	97
30) Chloroform	7.965	83	78378	19.995	ug/l	98
31) Cyclohexane	8.253	56	64541	18.516	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	69893	19.590	ug/l	99
36) 1,1-Dichloropropene	8.365	75	51692	18.726	ug/l	99
37) Ethyl Acetate	7.565	43	56363	22.505	ug/l	98
38) Carbon Tetrachloride	8.359	117	59434	19.263	ug/l	98
39) Methylcyclohexane	9.600	83	53871	19.183	ug/l	94
40) Benzene	8.606	78	168693	19.029	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29476	21.886	ug/l	93
42) 1,2-Dichloroethane	8.671	62	57084	19.883	ug/l	98
43) Isopropyl Acetate	8.688	43	102492	21.603	ug/l	99
44) Trichloroethene	9.347	130	39289	19.217	ug/l	95
45) 1,2-Dichloropropane	9.618	63	40606	19.526	ug/l	90
46) Dibromomethane	9.706	93	29834	20.331	ug/l	97
47) Bromodichloromethane	9.888	83	61681	19.941	ug/l	100
48) Methyl methacrylate	9.676	41	42638	21.875	ug/l	96
49) 1,4-Dioxane	9.694	88	17635	510.558	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	285220	119.462	ug/l	98
52) Toluene	10.629	92	104250	20.107	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	63027	19.685	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	65045	19.195	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	40594	20.786	ug/l	93
56) Ethyl methacrylate	10.876	69	63238	22.386	ug/l	96
57) 1,3-Dichloropropane	11.165	76	68360	20.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	159137	120.387	ug/l	97
59) 2-Hexanone	11.194	43	212112	122.055	ug/l	98
60) Dibromochloromethane	11.359	129	46143	20.731	ug/l	96
61) 1,2-Dibromoethane	11.465	107	42309	21.155	ug/l	98
64) Tetrachloroethene	11.100	164	33414	19.052	ug/l	97
65) Chlorobenzene	11.888	112	111928	18.975	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41504	20.229	ug/l	97
67) Ethyl Benzene	11.965	91	187883	19.082	ug/l	97
68) m/p-Xylenes	12.070	106	145172	38.945	ug/l	99
69) o-Xylene	12.400	106	70043	20.086	ug/l	98
70) Styrene	12.412	104	119892	19.709	ug/l	98
71) Bromoform	12.576	173	32328	20.940	ug/l #	99
73) Isopropylbenzene	12.694	105	176812	19.710	ug/l	100
74) N-aryl acetate	12.494	43	79831	20.909	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	61352	20.490	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	50391m	19.693	ug/l	
77) Bromobenzene	12.976	156	45367	18.812	ug/l	95
78) n-propylbenzene	13.035	91	204234	19.428	ug/l	98
79) 2-Chlorotoluene	13.123	91	131577	19.156	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	152591	20.523	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21442m	19.879	ug/l	
82) 4-Chlorotoluene	13.217	91	133202	18.427	ug/l	99
83) tert-Butylbenzene	13.435	119	124136	20.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	155773	20.300	ug/l	98
85) sec-Butylbenzene	13.617	105	172070	19.796	ug/l	99
86) p-Isopropyltoluene	13.729	119	145007	20.342	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83623	17.768	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	84269	18.817	ug/l	99
89) n-Butylbenzene	14.053	91	117658	17.645	ug/l	98
90) Hexachloroethane	14.329	117	28483	17.917	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	83130	18.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13313	21.947	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	41758	16.869	ug/l	99
94) Hexachlorobutadiene	15.500	225	18585	17.097	ug/l	98
95) Naphthalene	15.641	128	140418	18.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40769	16.966	ug/l	99

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

