

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078011.D
 Acq On : 01 Jun 2023 15:37
 Operator : JC\MD
 Sample : VN0601MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 02 01:51:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

06/02/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	344202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	538742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215944	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.588	65	271625	52.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.480%	
35) Dibromofluoromethane	8.177	113	223440	55.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.060%	
50) Toluene-d8	10.576	98	814004	52.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.853	95	270083	49.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.740%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	65506	16.722	ug/l	99
3) Chloromethane	2.371	50	74984	16.867	ug/l	97
4) Vinyl Chloride	2.518	62	92977	18.826	ug/l	97
5) Bromomethane	2.959	94	79035	21.638	ug/l	99
6) Chloroethane	3.124	64	71386	20.056	ug/l	95
7) Trichlorofluoromethane	3.500	101	137214	19.936	ug/l	96
8) Diethyl Ether	3.971	74	53245	21.190	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	76965	20.206	ug/l	97
10) Methyl Iodide	4.600	142	98310	21.642	ug/l	94
11) Tert butyl alcohol	5.530	59	78928	111.046	ug/l	99
12) 1,1-Dichloroethene	4.347	96	75939	20.976	ug/l	88
13) Acrolein	4.189	56	34794	56.442	ug/l	85
14) Allyl chloride	5.030	41	98416	18.505	ug/l	91
15) Acrylonitrile	5.724	53	199481	105.051	ug/l	95
16) Acetone	4.442	43	179281	110.647	ug/l	97
17) Carbon Disulfide	4.718	76	167602	17.182	ug/l	96
18) Methyl Acetate	5.036	43	147488	21.698	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	279023	21.293	ug/l	93
20) Methylene Chloride	5.289	84	93735	21.083	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	81231	19.975	ug/l	89
22) Diisopropyl ether	6.683	45	262787	21.081	ug/l #	94
23) Vinyl Acetate	6.612	43	779843	100.970	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	160032	20.955	ug/l	97
25) 2-Butanone	7.494	43	268449	105.912	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	135446	20.876	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	103376	21.201	ug/l	92
28) Bromochloromethane	7.818	49	71657	21.695	ug/l	90
29) Tetrahydrofuran	7.847	42	169094	101.884	ug/l	84
30) Chloroform	7.971	83	180390	21.472	ug/l	95
31) Cyclohexane	8.265	56	131637	18.806	ug/l	86
32) 1,1,1-Trichloroethane	8.183	97	151335	21.188	ug/l	99
36) 1,1-Dichloropropene	8.377	75	121070	20.570	ug/l	97
37) Ethyl Acetate	7.571	43	108071	20.601	ug/l	95
38) Carbon Tetrachloride	8.371	117	131670	22.154	ug/l	99
39) Methylcyclohexane	9.606	83	136333	18.921	ug/l	93
40) Benzene	8.612	78	369720	21.287	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	56548	20.241	ug/l	94
42) 1,2-Dichloroethane	8.677	62	141860	22.485	ug/l	96
43) Isopropyl Acetate	8.694	43	182412	21.288	ug/l	97
44) Trichloroethene	9.359	130	97824	22.244	ug/l	91
45) 1,2-Dichloropropane	9.629	63	98387	22.208	ug/l	95
46) Dibromomethane	9.718	93	70710	22.305	ug/l	95
47) Bromodichloromethane	9.894	83	140531	23.155	ug/l	94
48) Methyl methacrylate	9.688	41	86009	21.171	ug/l	89
49) 1,4-Dioxane	9.700	88	38591	502.935	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	567727	111.464	ug/l	92
52) Toluene	10.635	92	240209	22.215	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	140315	21.832	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	153215	21.632	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	102102	23.782	ug/l	96
56) Ethyl methacrylate	10.882	69	140644	21.666	ug/l	91
57) 1,3-Dichloropropane	11.171	76	166120	22.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	227948	71.378	ug/l	92
59) 2-Hexanone	11.206	43	388649	103.162	ug/l	92
60) Dibromochloromethane	11.365	129	103126	23.268	ug/l	100
61) 1,2-Dibromoethane	11.476	107	102072	23.831	ug/l	97
64) Tetrachloroethene	11.112	164	91714	24.343	ug/l	89
65) Chlorobenzene	11.900	112	259253	22.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	96551	23.892	ug/l	98
67) Ethyl Benzene	11.970	91	458057	21.885	ug/l	97
68) m/p-Xylenes	12.076	106	345350	43.547	ug/l	99
69) o-Xylene	12.406	106	172360	22.100	ug/l	98
70) Styrene	12.418	104	265921	21.463	ug/l	97
71) Bromoform	12.582	173	65763	24.462	ug/l #	98
73) Isopropylbenzene	12.700	105	444530	23.881	ug/l	100
74) N-amyl acetate	12.500	43	141939	20.629	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	139128	24.295	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	118958m	21.997	ug/l	
77) Bromobenzene	12.988	156	96726	22.770	ug/l	97
78) n-propylbenzene	13.041	91	490842	22.367	ug/l	99
79) 2-Chlorotoluene	13.129	91	304107	23.223	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	370083	23.655	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	35779	21.148	ug/l	91
82) 4-Chlorotoluene	13.229	91	285602	21.920	ug/l	99
83) tert-Butylbenzene	13.447	119	313679	22.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	360228	23.412	ug/l	98
85) sec-Butylbenzene	13.623	105	430306	22.169	ug/l	99
86) p-Isopropyltoluene	13.735	119	354023	22.878	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	168050	21.392	ug/l	99
88) 1,4-Dichlorobenzene	13.823	146	161716	20.744	ug/l	98
89) n-Butylbenzene	14.064	91	276947	19.458	ug/l	98
90) Hexachloroethane	14.341	117	59907	23.566	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	172131	23.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22339	20.149	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	62653	14.609	ug/l	99
94) Hexachlorobutadiene	15.506	225	34828	19.559	ug/l	93
95) Naphthalene	15.647	128	189044	12.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	69028	16.439	ug/l	97

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

