

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073388.D
 Acq On : 08 Jul 2022 13:14
 Operator : JC\MD
 Sample : VN0708MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 05:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	208400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	373021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	333207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	157239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163810	54.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.900%
35) Dibromofluoromethane	7.951	113	128610	51.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.640%
50) Toluene-d8	10.380	98	427189	48.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.668	95	173241	51.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	56614	18.581	ug/l	97
3) Chloromethane	2.269	50	53955	18.240	ug/l	98
4) Vinyl Chloride	2.410	62	45230	17.996	ug/l	100
5) Bromomethane	2.804	94	23942	20.168	ug/l	98
6) Chloroethane	2.975	64	28705	19.415	ug/l	90
7) Trichlorofluoromethane	3.316	101	82255	18.930	ug/l	92
8) Diethyl Ether	3.769	74	38882	21.982	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	47136	18.359	ug/l	98
10) Methyl Iodide	4.351	142	48287	16.774	ug/l	94
11) Tert butyl alcohol	5.292	59	91076	124.969	ug/l	100
12) 1,1-Dichloroethene	4.116	96	45236	18.439	ug/l	97
13) Acrolein	3.981	56	57175	124.120	ug/l	99
14) Allyl chloride	4.763	41	105937	20.498	ug/l #	91
15) Acrylonitrile	5.475	53	229972	122.580	ug/l	99
16) Acetone	4.222	43	215477	127.598	ug/l	90
17) Carbon Disulfide	4.457	76	108948	17.127	ug/l	99
18) Methyl Acetate	4.781	43	118255	24.988	ug/l #	89
19) Methyl tert-butyl Ether	5.539	73	202981	22.701	ug/l	98
20) Methylene Chloride	5.016	84	60654	20.438	ug/l	90
21) trans-1,2-Dichloroethene	5.516	96	47910	18.690	ug/l	86
22) Diisopropyl ether	6.410	45	218906	22.699	ug/l #	89
23) Vinyl Acetate	6.351	43	976811	113.130	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	103863	20.812	ug/l	100
25) 2-Butanone	7.263	43	335266	124.699	ug/l	90
26) 2,2-Dichloropropane	7.245	77	87386	18.932	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	63255	20.377	ug/l	96
28) Bromochloromethane	7.580	49	51116	24.456	ug/l	84
29) Tetrahydrofuran	7.610	42	228596	124.173	ug/l	87
30) Chloroform	7.745	83	104310	20.752	ug/l	98
31) Cyclohexane	8.022	56	89887	18.243	ug/l	93
32) 1,1,1-Trichloroethane	7.945	97	90168	20.129	ug/l	98
36) 1,1-Dichloropropene	8.151	75	70458	18.451	ug/l	98
37) Ethyl Acetate	7.333	43	131723	22.829	ug/l #	93
38) Carbon Tetrachloride	8.133	117	72382	18.329	ug/l	97
39) Methylcyclohexane	9.392	83	83823	17.631	ug/l	97
40) Benzene	8.392	78	232423	19.722	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	65601	23.443	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	90695	21.230	ug/l	99
43) Isopropyl Acetate	8.492	43	188779	22.765	ug/l #	92
44) Trichloroethene	9.151	130	56663	18.893	ug/l	94
45) 1,2-Dichloropropane	9.422	63	62323	20.748	ug/l	98
46) Dibromomethane	9.510	93	43116	21.140	ug/l	93
47) Bromodichloromethane	9.698	83	84263	21.331	ug/l	96
48) Methyl methacrylate	9.492	41	84300	21.956	ug/l	90
49) 1,4-Dioxane	9.504	88	36007	494.004	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	633689	120.504	ug/l	90
52) Toluene	10.439	92	139115	19.101	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	90937	20.912	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	98581	20.998	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	61687	20.574	ug/l	99
56) Ethyl methacrylate	10.698	69	106100	21.893	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	108288	21.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	239519	110.819	ug/l	94
59) 2-Hexanone	11.021	43	487768	121.682	ug/l	90
60) Dibromochloromethane	11.174	129	63951	22.371	ug/l	100
61) 1,2-Dibromoethane	11.286	107	65887	22.000	ug/l	97
64) Tetrachloroethene	10.916	164	51166	18.805	ug/l	94
65) Chlorobenzene	11.710	112	149383	19.823	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	56889	20.524	ug/l	98
67) Ethyl Benzene	11.780	91	269637	19.709	ug/l	100
68) m/p-Xylenes	11.892	106	203866	39.484	ug/l	98
69) o-Xylene	12.216	106	106397	20.185	ug/l	99
70) Styrene	12.233	104	167774	20.616	ug/l	99
71) Bromoform	12.398	173	45783	22.573	ug/l #	99
73) Isopropylbenzene	12.515	105	262993	19.369	ug/l	99
74) N-amyl acetate	12.327	43	144024	21.183	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	100769	22.364	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	88950m	21.635	ug/l	
77) Bromobenzene	12.798	156	63345	20.065	ug/l	87
78) n-propylbenzene	12.857	91	295327	19.578	ug/l	97
79) 2-Chlorotoluene	12.945	91	190982	20.005	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	216305	19.544	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	31355	20.915	ug/l	90
82) 4-Chlorotoluene	13.039	91	175624	19.001	ug/l	98
83) tert-Butylbenzene	13.262	119	195080	19.661	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	211293	19.122	ug/l	99
85) sec-Butylbenzene	13.439	105	262685	19.716	ug/l	98
86) p-Isopropyltoluene	13.557	119	211677	19.668	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	109110	19.265	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	109040	19.216	ug/l	99
89) n-Butylbenzene	13.880	91	172024	19.181	ug/l	99
90) Hexachloroethane	14.145	117	40628	20.256	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	116753	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24723	22.575	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	57531	19.152	ug/l	98
94) Hexachlorobutadiene	15.298	225	27112	20.303	ug/l	95
95) Naphthalene	15.433	128	244655	20.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	62522	20.176	ug/l	98

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

