

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073342.D
 Acq On : 06 Jul 2022 13:48
 Operator : JC\MD
 Sample : VN0706MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706MBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 04:22:21 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	208305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	379896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	340940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	157141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	159038	52.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	7.951	113	125649	49.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.420%			
50) Toluene-d8	10.380	98	432364	48.164	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.669	95	169578	49.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	64453	21.164	ug/l	99
3) Chloromethane	2.269	50	58289	19.714	ug/l	99
4) Vinyl Chloride	2.405	62	50780	20.213	ug/l	100
5) Bromomethane	2.804	94	23264	19.606	ug/l	94
6) Chloroethane	2.969	64	33319	22.546	ug/l	96
7) Trichlorofluoromethane	3.316	101	88743	20.433	ug/l	95
8) Diethyl Ether	3.769	74	38078	21.537	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	51906	20.226	ug/l	96
10) Methyl Iodide	4.351	142	49181	17.034	ug/l	95
11) Tert butyl alcohol	5.293	59	84049	115.379	ug/l	100
12) 1,1-Dichloroethene	4.116	96	49543	20.204	ug/l	90
13) Acrolein	3.987	56	40843	88.705	ug/l	99
14) Allyl chloride	4.763	41	110384	21.368	ug/l #	93
15) Acrylonitrile	5.481	53	223643	119.261	ug/l	98
16) Acetone	4.222	43	205454	121.719	ug/l	92
17) Carbon Disulfide	4.457	76	125102	19.675	ug/l	98
18) Methyl Acetate	4.781	43	115945	24.511	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	194072	21.715	ug/l	100
20) Methylene Chloride	5.010	84	62463	21.057	ug/l	92
21) trans-1,2-Dichloroethene	5.522	96	52225	20.383	ug/l	95
22) Diisopropyl ether	6.416	45	221420	22.970	ug/l #	95
23) Vinyl Acetate	6.351	43	971104	112.520	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	111654	22.383	ug/l	97
25) 2-Butanone	7.257	43	329367	122.560	ug/l	91
26) 2,2-Dichloropropane	7.251	77	88909	19.271	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	64750	20.868	ug/l	95
28) Bromochloromethane	7.587	49	45648	21.850	ug/l	84
29) Tetrahydrofuran	7.610	42	222858	121.111	ug/l #	86
30) Chloroform	7.745	83	109351	21.765	ug/l	99
31) Cyclohexane	8.028	56	101279	20.565	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	96521	21.557	ug/l	98
36) 1,1-Dichloropropene	8.151	75	78929	20.295	ug/l	97
37) Ethyl Acetate	7.339	43	128810	21.920	ug/l	96
38) Carbon Tetrachloride	8.134	117	78127	19.426	ug/l	94
39) Methylcyclohexane	9.392	83	90903	18.774	ug/l	93
40) Benzene	8.392	78	242529	20.207	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	59902	21.019	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	89531	20.578	ug/l	100
43) Isopropyl Acetate	8.492	43	181695	21.514	ug/l	93
44) Trichloroethene	9.151	130	58190	19.052	ug/l	97
45) 1,2-Dichloropropane	9.428	63	64930	21.225	ug/l	99
46) Dibromomethane	9.510	93	42591	20.505	ug/l	92
47) Bromodichloromethane	9.698	83	83284	20.702	ug/l	98
48) Methyl methacrylate	9.498	41	82471	21.091	ug/l	89
49) 1,4-Dioxane	9.498	88	34099	459.361	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	620345	115.831	ug/l	91
52) Toluene	10.445	92	149921	20.212	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	89084	20.115	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	98930	20.691	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	62148	20.352	ug/l	96
56) Ethyl methacrylate	10.698	69	102770	20.822	ug/l	87
57) 1,3-Dichloropropane	10.986	76	107674	20.569	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	233421	106.043	ug/l	94
59) 2-Hexanone	11.022	43	475024	116.359	ug/l	87
60) Dibromochloromethane	11.175	129	60452	20.764	ug/l	99
61) 1,2-Dibromoethane	11.286	107	62753	20.574	ug/l	100
64) Tetrachloroethene	10.910	164	52899	19.001	ug/l	96
65) Chlorobenzene	11.710	112	152898	19.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	57122	20.140	ug/l	97
67) Ethyl Benzene	11.786	91	278730	19.911	ug/l	99
68) m/p-Xylenes	11.892	106	211075	39.953	ug/l	95
69) o-Xylene	12.216	106	106096	19.672	ug/l	97
70) Styrene	12.233	104	168157	20.195	ug/l	98
71) Bromoform	12.398	173	41848	20.165	ug/l #	97
73) Isopropylbenzene	12.516	105	274546	20.232	ug/l	99
74) N-amyl acetate	12.327	43	137110	20.179	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	94854	21.065	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	85994m	20.929	ug/l	
77) Bromobenzene	12.798	156	63551	20.143	ug/l	88
78) n-propylbenzene	12.857	91	304757	20.216	ug/l	98
79) 2-Chlorotoluene	12.945	91	193839	20.316	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	223821	20.236	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	29401	19.623	ug/l	91
82) 4-Chlorotoluene	13.045	91	180610	19.553	ug/l	97
83) tert-Butylbenzene	13.263	119	195352	19.701	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	221940	20.098	ug/l	97
85) sec-Butylbenzene	13.439	105	268978	20.201	ug/l	99
86) p-Isopropyltoluene	13.551	119	220872	20.535	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	110706	19.559	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	107943	19.034	ug/l	95
89) n-Butylbenzene	13.880	91	171343	19.117	ug/l	98
90) Hexachloroethane	14.145	117	39984	19.947	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	116713	20.243	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23352	21.336	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	54306	18.089	ug/l	96
94) Hexachlorobutadiene	15.298	225	26108	19.563	ug/l	98
95) Naphthalene	15.433	128	217371	17.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	58157	18.779	ug/l	98

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

