

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073130.D
 Acq On : 26 Jun 2022 01:16
 Operator : JC\MD
 Sample : VN0625MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 03:51:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	265709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	401212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	185555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189209	52.670	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.340%			
35) Dibromofluoromethane	7.951	113	148551	51.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.374	98	539654	50.727	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.668	95	196211	51.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49068	19.395	ug/l	100
3) Chloromethane	2.263	50	45621	17.154	ug/l	99
4) Vinyl Chloride	2.404	62	42938	18.926	ug/l	97
5) Bromomethane	2.804	94	20303	22.733	ug/l	100
6) Chloroethane	2.975	64	29461	20.756	ug/l	98
7) Trichlorofluoromethane	3.316	101	84197	22.789	ug/l	95
8) Diethyl Ether	3.769	74	38175	20.021	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.145	101	50105	19.619	ug/l	96
10) Methyl Iodide	4.351	142	44058	15.051	ug/l	97
11) Tert butyl alcohol	5.287	59	97108	104.649	ug/l	100
12) 1,1-Dichloroethene	4.110	96	47256	18.576	ug/l	90
13) Acrolein	3.981	56	17921	49.036	ug/l	98
14) Allyl chloride	4.769	41	98451	18.114	ug/l #	95
15) Acrylonitrile	5.475	53	222473	104.003	ug/l	99
16) Acetone	4.222	43	211707	107.211	ug/l	94
17) Carbon Disulfide	4.463	76	93498	14.345	ug/l	100
18) Methyl Acetate	4.781	43	112671	21.427	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	208158	21.787	ug/l	98
20) Methylene Chloride	5.016	84	60591	19.635	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	49796	17.995	ug/l	97
22) Diisopropyl ether	6.416	45	215450	21.263	ug/l #	96
23) Vinyl Acetate	6.351	43	961274	102.773	ug/l	95
24) 1,1-Dichloroethane	6.304	63	109779	20.666	ug/l	99
25) 2-Butanone	7.263	43	331379	105.754	ug/l	93
26) 2,2-Dichloropropane	7.245	77	51631	11.260	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	64631	19.549	ug/l	99
28) Bromochloromethane	7.586	49	44736	20.363	ug/l	87
29) Tetrahydrofuran	7.616	42	219093	105.881	ug/l	88
30) Chloroform	7.745	83	113466	21.099	ug/l	99
31) Cyclohexane	8.022	56	90577	18.640	ug/l #	91
32) 1,1,1-Trichloroethane	7.945	97	97177	20.592	ug/l	100
36) 1,1-Dichloropropene	8.151	75	74794	19.334	ug/l	97
37) Ethyl Acetate	7.339	43	126058	20.372	ug/l	98
38) Carbon Tetrachloride	8.133	117	80036	19.669	ug/l	98
39) Methylcyclohexane	9.392	83	81145	17.402	ug/l	93
40) Benzene	8.392	78	239716	19.717	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	59678	20.338	ug/l	91
42) 1,2-Dichloroethane	8.463	62	91372	21.160	ug/l	98
43) Isopropyl Acetate	8.492	43	184368	20.844	ug/l	94
44) Trichloroethene	9.151	130	59661	19.364	ug/l	93
45) 1,2-Dichloropropane	9.427	63	64671	20.810	ug/l	99
46) Dibromomethane	9.510	93	42443	20.198	ug/l	94
47) Bromodichloromethane	9.698	83	88433	21.176	ug/l	98
48) Methyl methacrylate	9.498	41	81236	20.116	ug/l	91
49) 1,4-Dioxane	9.504	88	36072	396.983	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	631797	109.536	ug/l	91
52) Toluene	10.445	92	149721	20.058	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	86371	19.231	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	90703	18.489	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	64762	19.760	ug/l	96
56) Ethyl methacrylate	10.698	69	107859	20.532	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	109231	20.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	242850	104.711	ug/l	97
59) 2-Hexanone	11.021	43	487953	109.378	ug/l	89
60) Dibromochloromethane	11.174	129	65568	21.168	ug/l	100
61) 1,2-Dibromoethane	11.286	107	66630	20.622	ug/l	98
64) Tetrachloroethene	10.916	164	52110	21.350	ug/l	96
65) Chlorobenzene	11.710	112	158881	20.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	62274	20.882	ug/l	100
67) Ethyl Benzene	11.780	91	286963	20.805	ug/l	98
68) m/p-Xylenes	11.892	106	217672	40.236	ug/l	97
69) o-Xylene	12.216	106	112012	20.721	ug/l	97
70) Styrene	12.233	104	178905	20.608	ug/l	99
71) Bromoform	12.398	173	46653	20.747	ug/l #	99
73) Isopropylbenzene	12.515	105	286222	19.939	ug/l	99
74) N-amyl acetate	12.327	43	148652	19.955	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	102849	19.894	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	97607m	21.696	ug/l	
77) Bromobenzene	12.798	156	67990	19.770	ug/l	90
78) n-propylbenzene	12.857	91	318551	20.175	ug/l	97
79) 2-Chlorotoluene	12.945	91	204839	20.034	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	234026	19.847	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	25670	15.410	ug/l	88
82) 4-Chlorotoluene	13.039	91	191646	19.811	ug/l	98
83) tert-Butylbenzene	13.262	119	211536	19.588	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	235397	20.043	ug/l	98
85) sec-Butylbenzene	13.439	105	281457	19.538	ug/l	99
86) p-Isopropyltoluene	13.551	119	233660	20.034	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	118742	19.340	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	119663	19.256	ug/l	97
89) n-Butylbenzene	13.880	91	183516	19.269	ug/l	98
90) Hexachloroethane	14.145	117	44163	20.085	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	127562	19.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26545	20.312	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	64650	18.245	ug/l	97
94) Hexachlorobutadiene	15.298	225	28327	18.370	ug/l	96
95) Naphthalene	15.433	128	265618	18.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	69392	18.339	ug/l	97

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

