

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073167.D
 Acq On : 27 Jun 2022 17:16
 Operator : JC\MD
 Sample : VN0627MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:38:15 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	285056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	489784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	440081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	239769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194130	50.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.740%			
35) Dibromofluoromethane	7.951	113	149212	49.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	10.381	98	554514	49.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.669	95	212189	52.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50043	18.438	ug/l	97
3) Chloromethane	2.263	50	50229	17.590	ug/l	99
4) Vinyl Chloride	2.405	62	45365	18.638	ug/l	99
5) Bromomethane	2.805	94	20607	21.507	ug/l	99
6) Chloroethane	2.963	64	28958	19.017	ug/l	93
7) Trichlorofluoromethane	3.316	101	89517	22.584	ug/l	96
8) Diethyl Ether	3.763	74	41674	20.372	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	54287	19.814	ug/l	97
10) Methyl Iodide	4.357	142	49546	15.777	ug/l	95
11) Tert butyl alcohol	5.293	59	102879	103.343	ug/l	100
12) 1,1-Dichloroethene	4.116	96	49329	18.075	ug/l	99
13) Acrolein	3.987	56	17237	43.964	ug/l	95
14) Allyl chloride	4.763	41	113919	19.537	ug/l #	91
15) Acrylonitrile	5.481	53	234432	102.155	ug/l	99
16) Acetone	4.228	43	213637	100.846	ug/l	94
17) Carbon Disulfide	4.457	76	93034	13.305	ug/l	100
18) Methyl Acetate	4.781	43	118169	20.947	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	221606	21.621	ug/l	98
20) Methylene Chloride	5.016	84	64087	19.355	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	54026	18.199	ug/l	95
22) Diisopropyl ether	6.416	45	242114	22.273	ug/l	96
23) Vinyl Acetate	6.351	43	1057221	105.360	ug/l	94
24) 1,1-Dichloroethane	6.304	63	118672	20.824	ug/l	100
25) 2-Butanone	7.257	43	354411	105.427	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	99869	20.773	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	70937	20.000	ug/l	97
28) Bromochloromethane	7.587	49	44511	18.885	ug/l	85
29) Tetrahydrofuran	7.610	42	232816	104.877	ug/l	89
30) Chloroform	7.745	83	121305	21.026	ug/l	97
31) Cyclohexane	8.022	56	94539	18.135	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	106899	21.115	ug/l	98
36) 1,1-Dichloropropene	8.151	75	79301	19.359	ug/l	97
37) Ethyl Acetate	7.340	43	136683	20.861	ug/l	95
38) Carbon Tetrachloride	8.134	117	88350	20.505	ug/l	96
39) Methylcyclohexane	9.392	83	95863	19.415	ug/l	91
40) Benzene	8.386	78	255679	19.861	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	66681	21.461	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	100072	21.886	ug/l	99
43) Isopropyl Acetate	8.498	43	203864	21.767	ug/l	94
44) Trichloroethene	9.151	130	64985	19.919	ug/l	89
45) 1,2-Dichloropropane	9.428	63	69418	21.095	ug/l	96
46) Dibromomethane	9.516	93	46728	21.001	ug/l	94
47) Bromodichloromethane	9.698	83	94987	21.481	ug/l	100
48) Methyl methacrylate	9.498	41	91509	21.400	ug/l	90
49) 1,4-Dioxane	9.504	88	37856	393.451	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	678481	111.089	ug/l	92
52) Toluene	10.445	92	163169	20.645	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	101631	21.371	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	109282	21.038	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	71474	20.595	ug/l	96
56) Ethyl methacrylate	10.698	69	124262	22.339	ug/l #	88
57) 1,3-Dichloropropane	10.980	76	125109	21.730	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	265067	107.936	ug/l	96
59) 2-Hexanone	11.022	43	522558	110.622	ug/l	90
60) Dibromochloromethane	11.180	129	73224	22.326	ug/l	95
61) 1,2-Dibromoethane	11.286	107	74501	21.776	ug/l	98
64) Tetrachloroethene	10.910	164	61609	23.012	ug/l	95
65) Chlorobenzene	11.710	112	175217	20.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	71208	21.768	ug/l	96
67) Ethyl Benzene	11.780	91	325922	21.542	ug/l	99
68) m/p-Xylenes	11.892	106	242298	40.832	ug/l	94
69) o-Xylene	12.216	106	126671	21.363	ug/l	97
70) Styrene	12.233	104	203177	21.337	ug/l	98
71) Bromoform	12.398	173	75661	30.676	ug/l #	77
73) Isopropylbenzene	12.516	105	325078	17.525	ug/l	100
74) N-amyl acetate	12.327	43	175482	18.230	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	109050	16.324	ug/l	97
76) 1,2,3-Trichloropropane	12.822	75	98885m	17.010	ug/l	
77) Bromobenzene	12.798	156	89063	20.042	ug/l	87
78) n-propylbenzene	12.857	91	377560	18.505	ug/l	98
79) 2-Chlorotoluene	12.945	91	228555	17.299	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	299919	19.684	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.569	75	34310	15.939	ug/l	89
82) 4-Chlorotoluene	13.039	91	222439	17.795	ug/l	99
83) tert-Butylbenzene	13.263	119	248328	17.796	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	291082	19.181	ug/l	93
85) sec-Butylbenzene	13.439	105	339622	18.245	ug/l	100
86) p-Isopropyltoluene	13.551	119	284261	18.861	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	135359	17.062	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	137656	17.143	ug/l	98
89) n-Butylbenzene	13.880	91	236690	19.233	ug/l	98
90) Hexachloroethane	14.145	117	46651	16.419	ug/l	93
91) 1,2-Dichlorobenzene	13.921	146	141540	17.107	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.539	75	29640	17.541	ug/l	97
93) 1,2,4-Trichlorobenzene	15.192	180	80652	17.614	ug/l	96
94) Hexachlorobutadiene	15.298	225	35726	17.930	ug/l	97
95) Naphthalene	15.433	128	377908	20.402	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.621	180	85407	17.468	ug/l	94

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

