

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073178.D
 Acq On : 27 Jun 2022 22:58
 Operator : JC\MD
 Sample : VN0627MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBS02

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 06:40:28 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	269786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	480874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	419624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	185313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186858	51.230	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.460%			
35) Dibromofluoromethane	7.951	113	145672	49.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.020%			
50) Toluene-d8	10.380	98	530651	47.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.960%			
62) 4-Bromofluorobenzene	12.669	95	192539	48.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	47624	18.540	ug/l	97
3) Chloromethane	2.269	50	46594	17.252	ug/l	99
4) Vinyl Chloride	2.404	62	41771	18.133	ug/l	94
5) Bromomethane	2.799	94	20649	22.771	ug/l	97
6) Chloroethane	2.963	64	26638	18.483	ug/l	91
7) Trichlorofluoromethane	3.316	101	85343	22.750	ug/l	97
8) Diethyl Ether	3.775	74	39321	20.310	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.140	101	49638	19.142	ug/l	99
10) Methyl Iodide	4.351	142	44823	15.081	ug/l	96
11) Tert butyl alcohol	5.281	59	96220	102.125	ug/l	100
12) 1,1-Dichloroethene	4.116	96	47654	18.449	ug/l	95
13) Acrolein	3.981	56	21963	59.188	ug/l	100
14) Allyl chloride	4.763	41	100195	18.156	ug/l #	95
15) Acrylonitrile	5.475	53	222156	102.285	ug/l	98
16) Acetone	4.228	43	207284	103.385	ug/l #	87
17) Carbon Disulfide	4.457	76	90061	13.608	ug/l	96
18) Methyl Acetate	4.781	43	112746	21.117	ug/l #	89
19) Methyl tert-butyl Ether	5.540	73	203804	21.009	ug/l	92
20) Methylene Chloride	5.010	84	61503	19.630	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	50039	17.810	ug/l	96
22) Diisopropyl ether	6.416	45	219050	21.292	ug/l	96
23) Vinyl Acetate	6.351	43	965846	101.702	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	108048	20.032	ug/l	99
25) 2-Butanone	7.257	43	331624	104.232	ug/l	91
26) 2,2-Dichloropropane	7.251	77	71147	15.491	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	66273	19.743	ug/l	97
28) Bromochloromethane	7.581	49	48883	21.914	ug/l	88
29) Tetrahydrofuran	7.610	42	218907	104.192	ug/l	88
30) Chloroform	7.745	83	111388	20.400	ug/l	95
31) Cyclohexane	8.022	56	87762	17.788	ug/l	95
32) 1,1,1-Trichloroethane	7.945	97	97069	20.258	ug/l	100
36) 1,1-Dichloropropene	8.151	75	73352	18.239	ug/l	97
37) Ethyl Acetate	7.339	43	131933	20.509	ug/l	96
38) Carbon Tetrachloride	8.134	117	78508	18.558	ug/l	98
39) Methylcyclohexane	9.392	83	83258	17.175	ug/l	95
40) Benzene	8.392	78	241193	19.083	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64188	21.042	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	91341	20.346	ug/l	100
43) Isopropyl Acetate	8.492	43	188798	20.531	ug/l	94
44) Trichloroethene	9.145	130	58405	18.234	ug/l	93
45) 1,2-Dichloropropane	9.422	63	65214	20.185	ug/l	100
46) Dibromomethane	9.510	93	43588	19.953	ug/l	93
47) Bromodichloromethane	9.698	83	88427	20.368	ug/l	94
48) Methyl methacrylate	9.498	41	86994	20.721	ug/l	88
49) 1,4-Dioxane	9.510	88	35032	370.847	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	636860	106.206	ug/l	91
52) Toluene	10.439	92	149304	19.240	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	89604	19.191	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	96980	19.016	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	67196	19.721	ug/l	98
56) Ethyl methacrylate	10.698	69	108628	19.891	ug/l	86
57) 1,3-Dichloropropane	10.980	76	112107	19.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	267028	110.749	ug/l	95
59) 2-Hexanone	11.022	43	484301	104.422	ug/l	90
60) Dibromochloromethane	11.175	129	65291	20.276	ug/l	98
61) 1,2-Dibromoethane	11.280	107	65823	19.596	ug/l	98
64) Tetrachloroethene	10.910	164	55206	21.626	ug/l	96
65) Chlorobenzene	11.704	112	157412	19.208	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	62739	20.114	ug/l	99
67) Ethyl Benzene	11.780	91	285069	19.760	ug/l	98
68) m/p-Xylenes	11.892	106	215702	38.122	ug/l	96
69) o-Xylene	12.216	106	109840	19.427	ug/l	96
70) Styrene	12.233	104	178923	19.706	ug/l	98
71) Bromoform	12.398	173	47171	20.057	ug/l #	100
73) Isopropylbenzene	12.516	105	288320	20.111	ug/l	98
74) N-amyl acetate	12.327	43	149970	20.158	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.769	83	100105	19.389	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	87620m	19.502	ug/l	
77) Bromobenzene	12.798	156	65175	18.977	ug/l	82
78) n-propylbenzene	12.857	91	316761	20.087	ug/l	96
79) 2-Chlorotoluene	12.945	91	199335	19.521	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	235423	19.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	30705	18.456	ug/l	95
82) 4-Chlorotoluene	13.039	91	186268	19.280	ug/l	100
83) tert-Butylbenzene	13.263	119	214174	19.858	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	236424	20.157	ug/l	97
85) sec-Butylbenzene	13.439	105	283764	19.723	ug/l	99
86) p-Isopropyltoluene	13.551	119	231704	19.892	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	117451	19.155	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	116828	18.825	ug/l	97
89) n-Butylbenzene	13.880	91	180129	18.939	ug/l	98
90) Hexachloroethane	14.145	117	45229	20.597	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	127116	19.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26350	20.188	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	64526	18.233	ug/l	98
94) Hexachlorobutadiene	15.298	225	27618	17.934	ug/l	98
95) Naphthalene	15.433	128	273070	19.075	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	68355	18.088	ug/l	98

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

