

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073359.D
 Acq On : 07 Jul 2022 09:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 07 15:01:57 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	8.010	168	266572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	455222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	421397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	185242	48.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.280%		
35) Dibromofluoromethane	7.945	113	151763	50.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.220%		
50) Toluene-d8	10.375	98	527789	49.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.669	95	214367	51.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	187157	48.022	ug/l	98
3) Chloromethane	2.269	50	172359	45.553	ug/l	97
4) Vinyl Chloride	2.410	62	147206	45.789	ug/l	98
5) Bromomethane	2.799	94	67920	44.729	ug/l	96
6) Chloroethane	2.957	64	88129	46.600	ug/l	97
7) Trichlorofluoromethane	3.316	101	263968	47.493	ug/l	99
8) Diethyl Ether	3.763	74	107242	47.399	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.140	101	159831	48.668	ug/l	97
10) Methyl Iodide	4.351	142	168711	43.115	ug/l	96
11) Tert butyl alcohol	5.287	59	209400	224.625	ug/l	99
12) 1,1-Dichloroethene	4.110	96	147264	46.928	ug/l	94
13) Acrolein	3.975	56	161661	274.361	ug/l	98
14) Allyl chloride	4.763	41	323499	48.935	ug/l #	93
15) Acrylonitrile	5.469	53	587135	244.662	ug/l	99
16) Acetone	4.216	43	558981	258.776	ug/l	95
17) Carbon Disulfide	4.457	76	363216	44.637	ug/l	99
18) Methyl Acetate	4.769	43	294090	48.583	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	562651	49.195	ug/l	98
20) Methylene Chloride	5.010	84	178175	46.935	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	154235	47.038	ug/l	98
22) Diisopropyl ether	6.404	45	623096	50.511	ug/l	95
23) Vinyl Acetate	6.346	43	2746581	248.680	ug/l #	94
24) 1,1-Dichloroethane	6.298	63	319737	50.086	ug/l	100
25) 2-Butanone	7.251	43	857672	249.388	ug/l	89
26) 2,2-Dichloropropane	7.245	77	277498	47.001	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	191708	48.280	ug/l	95
28) Bromochloromethane	7.581	49	146323	54.730	ug/l	84
29) Tetrahydrofuran	7.604	42	561065	238.262	ug/l	87
30) Chloroform	7.740	83	316595	49.240	ug/l	99
31) Cyclohexane	8.016	56	280589	44.520	ug/l	92
32) 1,1,1-Trichloroethane	7.940	97	278136	48.541	ug/l	100
36) 1,1-Dichloropropene	8.145	75	226913	48.692	ug/l	99
37) Ethyl Acetate	7.328	43	340387	48.340	ug/l	94
38) Carbon Tetrachloride	8.128	117	230699	47.870	ug/l	100
39) Methylcyclohexane	9.392	83	280880	48.412	ug/l	95
40) Benzene	8.387	78	691699	48.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	172709	50.574	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	258007	49.489	ug/l	99
43) Isopropyl Acetate	8.487	43	511519	50.546	ug/l	94
44) Trichloroethene	9.145	130	176234	48.152	ug/l	95
45) 1,2-Dichloropropane	9.422	63	183866	50.158	ug/l	99
46) Dibromomethane	9.510	93	121415	48.781	ug/l	93
47) Bromodichloromethane	9.692	83	250698	52.005	ug/l	99
48) Methyl methacrylate	9.492	41	230282	49.147	ug/l	92
49) 1,4-Dioxane	9.498	88	86308	970.297	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	1637815	255.211	ug/l	91
52) Toluene	10.439	92	431786	48.580	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	279017	52.577	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	299383	52.255	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	178393	48.753	ug/l	98
56) Ethyl methacrylate	10.698	69	304050	51.410	ug/l	89
57) 1,3-Dichloropropane	10.980	76	309250	49.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	676279	256.394	ug/l	95
59) 2-Hexanone	11.022	43	1262192	258.018	ug/l	88
60) Dibromochloromethane	11.175	129	184904	53.001	ug/l	100
61) 1,2-Dibromoethane	11.280	107	186488	51.025	ug/l	99
64) Tetrachloroethene	10.910	164	161506	46.936	ug/l	96
65) Chlorobenzene	11.704	112	458563	48.115	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	169756	48.426	ug/l	99
67) Ethyl Benzene	11.780	91	843650	48.760	ug/l	99
68) m/p-Xylenes	11.892	106	643729	98.583	ug/l	96
69) o-Xylene	12.216	106	319410	47.916	ug/l	96
70) Styrene	12.233	104	527804	51.284	ug/l	99
71) Bromoform	12.392	173	133301	51.968	ug/l #	98
73) Isopropylbenzene	12.516	105	843565	47.732	ug/l	98
74) N-amyl acetate	12.327	43	403903	45.642	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	273894	46.703	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	232703m	43.485	ug/l	
77) Bromobenzene	12.798	156	189923	46.222	ug/l	89
78) n-propylbenzene	12.857	91	985769	50.209	ug/l	97
79) 2-Chlorotoluene	12.945	91	581211	46.774	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	702658	48.779	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	94416	48.386	ug/l	94
82) 4-Chlorotoluene	13.039	91	576808	47.948	ug/l	97
83) tert-Butylbenzene	13.263	119	613082	47.473	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	699139	48.612	ug/l	97
85) sec-Butylbenzene	13.439	105	871271	50.243	ug/l	98
86) p-Isopropyltoluene	13.551	119	717161	51.195	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	345928	46.928	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	348601	47.199	ug/l	98
89) n-Butylbenzene	13.880	91	615573	52.734	ug/l	99
90) Hexachloroethane	14.145	117	128452	49.203	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	356771	47.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65798	46.161	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	198118	50.671	ug/l	99
94) Hexachlorobutadiene	15.298	225	85410	49.140	ug/l	98
95) Naphthalene	15.433	128	714498	45.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	194739	48.283	ug/l	99

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

