

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073127.D
 Acq On : 25 Jun 2022 23:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 03:49:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	281714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	480997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	432807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	199812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202369	53.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.260%			
35) Dibromofluoromethane	7.951	113	156033	52.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	10.375	98	579315	52.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.669	95	220415	55.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	129534	48.293	ug/l	93
3) Chloromethane	2.263	50	118469	41.190	ug/l	99
4) Vinyl Chloride	2.405	62	109248	45.417	ug/l	99
5) Bromomethane	2.787	94	37385	39.481	ug/l	96
6) Chloroethane	2.952	64	71586	47.568	ug/l	96
7) Trichlorofluoromethane	3.310	101	211528	54.000	ug/l	98
8) Diethyl Ether	3.763	74	102247	50.576	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.140	101	135472	50.032	ug/l	98
10) Methyl Iodide	4.346	142	135498	43.658	ug/l	96
11) Tert butyl alcohol	5.293	59	267356	271.748	ug/l	99
12) 1,1-Dichloroethene	4.110	96	126451	46.882	ug/l	96
13) Acrolein	3.981	56	59218	152.830	ug/l	96
14) Allyl chloride	4.763	41	269769	46.814	ug/l #	92
15) Acrylonitrile	5.475	53	597391	263.405	ug/l	99
16) Acetone	4.222	43	566425	270.549	ug/l	96
17) Carbon Disulfide	4.457	76	252801	36.582	ug/l	100
18) Methyl Acetate	4.775	43	306335	54.946	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	552659	54.559	ug/l	100
20) Methylene Chloride	5.010	84	161319	49.675	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	131252	44.736	ug/l	95
22) Diisopropyl ether	6.416	45	585263	54.480	ug/l	97
23) Vinyl Acetate	6.351	43	2592056	261.382	ug/l #	94
24) 1,1-Dichloroethane	6.304	63	286036	50.787	ug/l	97
25) 2-Butanone	7.263	43	908577	273.482	ug/l	91
26) 2,2-Dichloropropane	7.251	77	155072	32.972	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	177025	50.503	ug/l	98
28) Bromochloromethane	7.587	49	117892	50.613	ug/l	87
29) Tetrahydrofuran	7.610	42	588569	268.278	ug/l	87
30) Chloroform	7.745	83	301830	52.937	ug/l	99
31) Cyclohexane	8.022	56	228244	44.302	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	266331	53.230	ug/l	99
36) 1,1-Dichloropropene	8.151	75	196977	48.965	ug/l	99
37) Ethyl Acetate	7.340	43	335308	52.111	ug/l	96
38) Carbon Tetrachloride	8.134	117	213225	50.391	ug/l	94
39) Methylcyclohexane	9.392	83	227624	46.944	ug/l	94
40) Benzene	8.392	78	641238	50.720	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	167255	54.814	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	244827	54.522	ug/l	98
43) Isopropyl Acetate	8.492	43	505662	54.976	ug/l	94
44) Trichloroethene	9.151	130	159771	49.868	ug/l	93
45) 1,2-Dichloropropane	9.428	63	170001	52.605	ug/l	97
46) Dibromomethane	9.510	93	115566	52.888	ug/l	94
47) Bromodichloromethane	9.698	83	240137	55.297	ug/l	99
48) Methyl methacrylate	9.498	41	225847	53.780	ug/l	91
49) 1,4-Dioxane	9.504	88	99620	1054.302	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1695940	282.753	ug/l	91
52) Toluene	10.439	92	404744	52.145	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	243697	52.180	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	255623	50.109	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	175370	51.456	ug/l	96
56) Ethyl methacrylate	10.698	69	303356	55.533	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	296267	52.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	689357	285.836	ug/l	96
59) 2-Hexanone	11.022	43	1320857	284.723	ug/l	90
60) Dibromochloromethane	11.175	129	186408	57.873	ug/l	97
61) 1,2-Dibromoethane	11.286	107	182830	54.416	ug/l	99
64) Tetrachloroethene	10.910	164	138647	52.658	ug/l	96
65) Chlorobenzene	11.710	112	435974	51.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	169114	52.567	ug/l	98
67) Ethyl Benzene	11.780	91	794895	53.422	ug/l	100
68) m/p-Xylenes	11.892	106	597226	102.336	ug/l	96
69) o-Xylene	12.216	106	306382	52.539	ug/l	98
70) Styrene	12.233	104	506006	54.032	ug/l	99
71) Bromoform	12.398	173	135822	55.993	ug/l #	100
73) Isopropylbenzene	12.516	105	799796	51.740	ug/l	100
74) N-amyl acetate	12.327	43	416082	51.869	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	284977	51.190	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	234783m	48.465	ug/l	
77) Bromobenzene	12.798	156	185372	50.057	ug/l	87
78) n-propylbenzene	12.857	91	902061	53.053	ug/l	98
79) 2-Chlorotoluene	12.945	91	557716	50.654	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	662013	52.138	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	81392	45.374	ug/l	95
82) 4-Chlorotoluene	13.039	91	544301	52.250	ug/l	97
83) tert-Butylbenzene	13.257	119	604336	51.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	659919	52.180	ug/l	98
85) sec-Butylbenzene	13.439	105	816557	52.638	ug/l	99
86) p-Isopropyltoluene	13.551	119	672507	53.546	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	333445	50.435	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	334321	49.961	ug/l	98
89) n-Butylbenzene	13.880	91	545251	53.167	ug/l	99
90) Hexachloroethane	14.145	117	127712	53.938	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	351047	50.914	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	71152	50.684	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	188744	49.464	ug/l	99
94) Hexachlorobutadiene	15.298	225	79584	47.928	ug/l	99
95) Naphthalene	15.433	128	739103	47.882	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	191808	47.074	ug/l	98

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

