

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073381.D
 Acq On : 07 Jul 2022 19:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 08 03:04:05 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	255849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	448921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	413276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	197148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183735	49.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.500%		
35) Dibromofluoromethane	7.951	113	152877	51.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.380%		
50) Toluene-d8	10.380	98	525453	49.534	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.669	95	214325	52.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	172441	46.101	ug/l	99
3) Chloromethane	2.269	50	159902	44.032	ug/l	99
4) Vinyl Chloride	2.405	62	143256	46.428	ug/l	99
5) Bromomethane	2.793	94	64046	43.946	ug/l	95
6) Chloroethane	2.957	64	87396	48.150	ug/l	99
7) Trichlorofluoromethane	3.310	101	225950	42.357	ug/l	100
8) Diethyl Ether	3.763	74	106760	49.163	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.140	101	142775	45.296	ug/l	99
10) Methyl Iodide	4.346	142	158774	42.208	ug/l	96
11) Tert butyl alcohol	5.293	59	243055	271.654	ug/l	99
12) 1,1-Dichloroethene	4.110	96	140130	46.526	ug/l	95
13) Acrolein	3.981	56	155379	274.752	ug/l	97
14) Allyl chloride	4.757	41	301081	47.452	ug/l #	91
15) Acrylonitrile	5.469	53	622669	270.343	ug/l	99
16) Acetone	4.222	43	564324	272.199	ug/l	95
17) Carbon Disulfide	4.457	76	340074	43.545	ug/l	100
18) Methyl Acetate	4.775	43	313499	53.960	ug/l #	89
19) Methyl tert-butyl Ether	5.540	73	557557	50.793	ug/l	99
20) Methylene Chloride	5.010	84	167284	45.913	ug/l	87
21) trans-1,2-Dichloroethene	5.516	96	147902	46.997	ug/l	98
22) Diisopropyl ether	6.416	45	610469	51.562	ug/l	95
23) Vinyl Acetate	6.351	43	2721530	256.740	ug/l #	94
24) 1,1-Dichloroethane	6.304	63	306459	50.018	ug/l	99
25) 2-Butanone	7.257	43	908276	275.172	ug/l	91
26) 2,2-Dichloropropane	7.245	77	180840	31.913	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	184516	48.416	ug/l	100
28) Bromochloromethane	7.581	49	136237	53.093	ug/l	83
29) Tetrahydrofuran	7.610	42	608713	269.330	ug/l	88
30) Chloroform	7.745	83	306211	49.621	ug/l	99
31) Cyclohexane	8.022	56	268077	44.318	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	271662	49.399	ug/l	99
36) 1,1-Dichloropropene	8.151	75	218014	47.439	ug/l	98
37) Ethyl Acetate	7.339	43	353881	50.962	ug/l	95
38) Carbon Tetrachloride	8.139	117	221427	46.591	ug/l	98
39) Methylcyclohexane	9.392	83	259779	45.403	ug/l	95
40) Benzene	8.392	78	685914	48.362	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	179622	53.337	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	245512	47.753	ug/l	99
43) Isopropyl Acetate	8.492	43	521983	52.304	ug/l	93
44) Trichloroethene	9.151	130	166603	46.159	ug/l	88
45) 1,2-Dichloropropane	9.428	63	176281	48.764	ug/l	100
46) Dibromomethane	9.516	93	118121	48.124	ug/l	94
47) Bromodichloromethane	9.698	83	241254	50.748	ug/l	96
48) Methyl methacrylate	9.498	41	235958	51.065	ug/l	91
49) 1,4-Dioxane	9.504	88	95387	1087.417	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1735247	274.188	ug/l	90
52) Toluene	10.439	92	427839	48.812	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	251676	48.090	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	270834	47.935	ug/l #	92
55) 1,1,2-Trichloroethane	10.839	97	175897	48.746	ug/l	99
56) Ethyl methacrylate	10.698	69	306901	52.620	ug/l #	87
57) 1,3-Dichloropropane	10.986	76	305295	49.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	698805	268.653	ug/l	95
59) 2-Hexanone	11.027	43	1342013	278.186	ug/l	90
60) Dibromochloromethane	11.175	129	181778	52.837	ug/l	99
61) 1,2-Dibromoethane	11.286	107	184521	51.195	ug/l	99
64) Tetrachloroethene	10.916	164	154474	45.774	ug/l	95
65) Chlorobenzene	11.710	112	447379	47.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	167616	48.755	ug/l	98
67) Ethyl Benzene	11.780	91	827133	48.744	ug/l	99
68) m/p-Xylenes	11.892	106	622262	97.168	ug/l	96
69) o-Xylene	12.222	106	311531	47.652	ug/l	95
70) Styrene	12.233	104	519420	51.461	ug/l	98
71) Bromoform	12.398	173	133775	53.178	ug/l #	99
73) Isopropylbenzene	12.516	105	822642	48.321	ug/l	98
74) N-amyl acetate	12.327	43	430939	50.552	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	283770	50.230	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	246569m	47.831	ug/l	
77) Bromobenzene	12.798	156	187715	47.425	ug/l	88
78) n-propylbenzene	12.857	91	922999	48.803	ug/l	98
79) 2-Chlorotoluene	12.945	91	573214	47.887	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	679897	48.997	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	84292	44.843	ug/l	96
82) 4-Chlorotoluene	13.045	91	549511	47.419	ug/l	96
83) tert-Butylbenzene	13.263	119	614488	49.395	ug/l	89
84) 1,2,4-Trimethylbenzene	13.304	105	715256	51.628	ug/l	93
85) sec-Butylbenzene	13.439	105	845230	50.598	ug/l	99
86) p-Isopropyltoluene	13.557	119	677931	50.238	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	334031	47.040	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	334280	46.984	ug/l	99
89) n-Butylbenzene	13.880	91	575725	51.199	ug/l	99
90) Hexachloroethane	14.145	117	123156	48.972	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	349736	48.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	73057	53.206	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	194447	51.626	ug/l	97
94) Hexachlorobutadiene	15.304	225	80467	48.059	ug/l	98
95) Naphthalene	15.433	128	773779	50.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	201561	51.878	ug/l	96

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

