

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073814.D
 Acq On : 11 Aug 2022 10:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 12 05:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	425846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	641538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	594496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	309875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	233971	45.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.160%		
35) Dibromofluoromethane	7.945	113	202189	50.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.380%		
50) Toluene-d8	10.381	98	772231	48.714	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.669	95	270413	48.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	214381	51.903	ug/l	99
3) Chloromethane	2.263	50	251074	50.606	ug/l	96
4) Vinyl Chloride	2.405	62	312978	43.326	ug/l	98
5) Bromomethane	2.775	94	203382	48.545	ug/l	99
6) Chloroethane	2.940	64	208485	49.459	ug/l	99
7) Trichlorofluoromethane	3.299	101	356489	47.884	ug/l	98
8) Diethyl Ether	3.757	74	134666	48.173	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	212211	51.520	ug/l	99
10) Methyl Iodide	4.346	142	240127	57.345	ug/l	99
11) Tert butyl alcohol	5.287	59	249700	223.102	ug/l	99
12) 1,1-Dichloroethene	4.104	96	199685	49.423	ug/l	99
13) Acrolein	3.969	56	237922	214.425	ug/l	100
14) Allyl chloride	4.757	41	307688	47.633	ug/l	98
15) Acrylonitrile	5.469	53	718686	232.137	ug/l	99
16) Acetone	4.216	43	675844	242.465	ug/l	97
17) Carbon Disulfide	4.451	76	525876	49.088	ug/l	100
18) Methyl Acetate	4.769	43	320400	46.203	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	697586	50.540	ug/l	99
20) Methylene Chloride	5.004	84	239928	53.356	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	219906	50.280	ug/l	95
22) Diisopropyl ether	6.410	45	673581	48.333	ug/l	99
23) Vinyl Acetate	6.345	43	2986843	255.632	ug/l	100
24) 1,1-Dichloroethane	6.298	63	401581	46.840	ug/l	97
25) 2-Butanone	7.257	43	1010597	233.462	ug/l	98
26) 2,2-Dichloropropane	7.245	77	335057	50.795	ug/l	100
27) cis-1,2-Dichloroethene	7.240	96	262753	48.760	ug/l	97
28) Bromochloromethane	7.581	49	161230	44.788	ug/l	99
29) Tetrahydrofuran	7.604	42	628994	229.824	ug/l	98
30) Chloroform	7.739	83	428241	47.941	ug/l	99
31) Cyclohexane	8.022	56	368072	47.639	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	364807	49.185	ug/l	99
36) 1,1-Dichloropropene	8.145	75	312180	54.372	ug/l	100
37) Ethyl Acetate	7.334	43	382770	50.622	ug/l	99
38) Carbon Tetrachloride	8.128	117	318469	54.613	ug/l	100
39) Methylcyclohexane	9.392	83	404680	58.983	ug/l	97
40) Benzene	8.387	78	976929	52.398	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	172757	50.491	ug/l	98
42) 1,2-Dichloroethane	8.463	62	321251	51.125	ug/l	99
43) Isopropyl Acetate	8.492	43	537079	52.587	ug/l	99
44) Trichloroethene	9.151	130	254403	53.808	ug/l	100
45) 1,2-Dichloropropane	9.428	63	238604	51.200	ug/l	99
46) Dibromomethane	9.510	93	171270	52.953	ug/l	99
47) Bromodichloromethane	9.698	83	331951	53.474	ug/l	98
48) Methyl methacrylate	9.492	41	243255	54.413	ug/l	93
49) 1,4-Dioxane	9.504	88	129370	1026.595	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	1922713	262.480	ug/l	99
52) Toluene	10.439	92	631424	55.445	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	357987	58.374	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	391507	56.652	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	254548	53.601	ug/l	100
56) Ethyl methacrylate	10.698	69	393369	60.100	ug/l	98
57) 1,3-Dichloropropane	10.986	76	420325	52.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	824100	238.411	ug/l	99
59) 2-Hexanone	11.028	43	1509651	272.016	ug/l	99
60) Dibromochloromethane	11.180	129	275094	58.228	ug/l	99
61) 1,2-Dibromoethane	11.280	107	268723	54.942	ug/l	99
64) Tetrachloroethene	10.916	164	253673	53.692	ug/l	97
65) Chlorobenzene	11.710	112	684330	54.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	254467	56.183	ug/l	98
67) Ethyl Benzene	11.786	91	1219803	57.259	ug/l	99
68) m/p-Xylenes	11.892	106	959020	118.032	ug/l	100
69) o-Xylene	12.222	106	467365	59.000	ug/l	99
70) Styrene	12.233	104	788333	62.169	ug/l	98
71) Bromoform	12.398	173	222768	59.588	ug/l	99
73) Isopropylbenzene	12.516	105	1226130	54.053	ug/l	100
74) N-amyl acetate	12.327	43	448964	52.385	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.769	83	396024	45.243	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	332778m	59.216	ug/l	
77) Bromobenzene	12.798	156	308210	52.175	ug/l	96
78) n-propylbenzene	12.857	91	1423094	55.756	ug/l	100
79) 2-Chlorotoluene	12.945	91	827942	51.974	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1032318	55.301	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	129587	54.195	ug/l	98
82) 4-Chlorotoluene	13.045	91	809016	53.585	ug/l	97
83) tert-Butylbenzene	13.263	119	899814	54.420	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	1027412	55.973	ug/l	100
85) sec-Butylbenzene	13.439	105	1290654	56.477	ug/l	99
86) p-Isopropyltoluene	13.557	119	1096364	60.857	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	565816	52.475	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	558152	51.736	ug/l	98
89) n-Butylbenzene	13.880	91	882927	60.234	ug/l	99
90) Hexachloroethane	14.151	117	190724	53.359	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	554966	50.791	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	87264	49.618	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	326599	60.192	ug/l	99
94) Hexachlorobutadiene	15.304	225	171278	58.064	ug/l	98
95) Naphthalene	15.433	128	1033806	58.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	334837	58.633	ug/l	99

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

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