

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074456.D
 Acq On : 15 Sep 2022 11:48
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 19:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	452199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	847425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	770573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	355322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	361910	57.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.200%			
35) Dibromofluoromethane	7.951	113	278361	52.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.380%			
50) Toluene-d8	10.380	98	1044867	53.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.674	95	379262	53.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	210166	49.434	ug/l	92
3) Chloromethane	2.263	50	378987	70.827	ug/l	97
4) Vinyl Chloride	2.404	62	380861	85.202	ug/l	98
5) Bromomethane	2.781	94	215772	105.215	ug/l	100
6) Chloroethane	2.951	64	259991	90.295	ug/l	97
7) Trichlorofluoromethane	3.310	101	427941	63.470	ug/l	96
8) Diethyl Ether	3.757	74	218242	63.750	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	266153	58.990	ug/l	91
10) Methyl Iodide	4.346	142	337789	63.382	ug/l	95
11) Tert butyl alcohol	5.281	59	530314	315.450	ug/l	99
12) 1,1-Dichloroethene	4.104	96	266868	59.446	ug/l	95
13) Acrolein	3.975	56	218762	325.450	ug/l	97
14) Allyl chloride	4.757	41	633274	64.419	ug/l	95
15) Acrylonitrile	5.469	53	1283961	330.798	ug/l	99
16) Acetone	4.216	43	1057762	300.381	ug/l	98
17) Carbon Disulfide	4.457	76	716138	61.462	ug/l	99
18) Methyl Acetate	4.769	43	662442	68.049	ug/l	91
19) Methyl tert-butyl Ether	5.522	73	1128361	65.502	ug/l	95
20) Methylene Chloride	5.010	84	337802	56.995	ug/l #	83
21) trans-1,2-Dichloroethene	5.504	96	298616	60.576	ug/l	93
22) Diisopropyl ether	6.410	45	1306768	70.134	ug/l	95
23) Vinyl Acetate	6.345	43	5938024	346.888	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	633068	65.762	ug/l	99
25) 2-Butanone	7.257	43	1873767	329.691	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	532310	61.971	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	371861	62.656	ug/l	93
28) Bromochloromethane	7.581	49	188664	50.739	ug/l #	71
29) Tetrahydrofuran	7.604	42	1253674	332.760	ug/l	87
30) Chloroform	7.745	83	606215	63.018	ug/l	97
31) Cyclohexane	8.022	56	591332	65.150	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	510553	61.047	ug/l	95
36) 1,1-Dichloropropene	8.151	75	448722	60.752	ug/l	96
37) Ethyl Acetate	7.334	43	735989	61.879	ug/l #	95
38) Carbon Tetrachloride	8.133	117	427707	56.173	ug/l	96
39) Methylcyclohexane	9.392	83	564663	63.048	ug/l	93
40) Benzene	8.386	78	1443555	61.989	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	341577	60.720	ug/l	90
42) 1,2-Dichloroethane	8.463	62	498548	60.745	ug/l	98
43) Isopropyl Acetate	8.492	43	1127023	65.771	ug/l #	93
44) Trichloroethene	9.151	130	296619	52.135	ug/l	84
45) 1,2-Dichloropropane	9.428	63	391056	64.853	ug/l	98
46) Dibromomethane	9.516	93	243867	60.948	ug/l #	84
47) Bromodichloromethane	9.698	83	489976	61.614	ug/l	97
48) Methyl methacrylate	9.498	41	488730	63.033	ug/l	89
49) 1,4-Dioxane	9.504	88	191163	1124.110	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	3807852	337.998	ug/l	91
52) Toluene	10.445	92	876703	61.580	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	580089	66.909	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	614325	64.977	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	354099	57.101	ug/l	98
56) Ethyl methacrylate	10.704	69	652505	64.662	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	628030	60.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1483354	333.402	ug/l	91
59) 2-Hexanone	11.027	43	2924196	336.421	ug/l	90
60) Dibromochloromethane	11.180	129	351655	60.574	ug/l	99
61) 1,2-Dibromoethane	11.286	107	358941	58.974	ug/l	100
64) Tetrachloroethene	10.916	164	236920	50.398	ug/l	94
65) Chlorobenzene	11.710	112	889153	57.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	324701	55.683	ug/l	98
67) Ethyl Benzene	11.786	91	1679013	61.083	ug/l	99
68) m/p-Xylenes	11.892	106	1268831	118.241	ug/l	94
69) o-Xylene	12.221	106	640627	59.584	ug/l	97
70) Styrene	12.233	104	1067942	61.657	ug/l	98
71) Bromoform	12.398	173	253333	57.941	ug/l	98
73) Isopropylbenzene	12.521	105	1639424	57.794	ug/l	99
74) N-amyl acetate	12.327	43	987789	65.212	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	622957	60.128	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	471986m	52.931	ug/l	
77) Bromobenzene	12.804	156	342542	51.742	ug/l	75
78) n-propylbenzene	12.863	91	2004924	63.256	ug/l	94
79) 2-Chlorotoluene	12.951	91	1161142	57.404	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	1365255	58.665	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	231881	67.342	ug/l	98
82) 4-Chlorotoluene	13.045	91	1117491	58.451	ug/l	96
83) tert-Butylbenzene	13.263	119	1211475	57.103	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	1356804	58.469	ug/l	98
85) sec-Butylbenzene	13.445	105	1734513	60.565	ug/l	97
86) p-Isopropyltoluene	13.557	119	1381712	60.019	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	647923	54.072	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	632867	52.507	ug/l	98
89) n-Butylbenzene	13.886	91	1252388	65.357	ug/l	96
90) Hexachloroethane	14.151	117	282694	63.889	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	651484	52.449	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	142091	52.164	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	322163	47.996	ug/l	96
94) Hexachlorobutadiene	15.304	225	134680	46.321	ug/l	98
95) Naphthalene	15.439	128	1369023	49.604	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	333159	46.320	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

