

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072833.D
 Acq On : 14 Jun 2022 14:11
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 14 14:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 14 14:20:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	324209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	586745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	554876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	215658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	478713	57.566	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.140%			
35) Dibromofluoromethane	8.016	113	361786	66.848	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 133.700%#			
50) Toluene-d8	10.439	98	1453169	66.872	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 133.740%#			
62) 4-Bromofluorobenzene	12.727	95	535591	70.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 140.100%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	235552	50.168	ug/l	100
3) Chloromethane	2.293	50	267761	48.664	ug/l	99
4) Vinyl Chloride	2.434	62	216574	40.632	ug/l	100
5) Bromomethane	2.810	94	49172	23.324	ug/l	97
6) Chloroethane	2.981	64	135590	35.186	ug/l	99
7) Trichlorofluoromethane	3.352	101	438287	52.165	ug/l	99
8) Diethyl Ether	3.816	74	203754	60.933	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.193	101	262909	56.039	ug/l	96
10) Methyl Iodide	4.410	142	275516	82.993	ug/l	95
11) Tert butyl alcohol	5.369	59	511606	62.284	ug/l	99
12) 1,1-Dichloroethene	4.169	96	249257	58.597	ug/l	98
13) Acrolein	4.034	56	101059	237.961	ug/l	97
14) Allyl chloride	4.834	41	590488	59.620	ug/l #	93
15) Acrylonitrile	5.546	53	1260814	316.655	ug/l	99
16) Acetone	4.275	43	1151384	296.377	ug/l	95
17) Carbon Disulfide	4.522	76	512000	50.218	ug/l	100
18) Methyl Acetate	4.840	43	621880	60.836	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	1097932	55.940	ug/l	98
20) Methylene Chloride	5.081	84	333734	53.830	ug/l	90
21) trans-1,2-Dichloroethene	5.587	96	268587	56.089	ug/l	92
22) Diisopropyl ether	6.487	45	1227638	59.556	ug/l	96
23) Vinyl Acetate	6.428	43	5524470	297.431	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	603394	56.080	ug/l	100
25) 2-Butanone	7.328	43	1893404	311.549	ug/l	89
26) 2,2-Dichloropropane	7.316	77	485844	49.299	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	351891	58.409	ug/l	92
28) Bromochloromethane	7.651	49	314305	61.128	ug/l	82
29) Tetrahydrofuran	7.675	42	1191362	315.956	ug/l	87
30) Chloroform	7.810	83	617513	55.534	ug/l	98
31) Cyclohexane	8.092	56	478728	53.881	ug/l	85
32) 1,1,1-Trichloroethane	8.004	97	524397	53.583	ug/l	99
36) 1,1-Dichloropropene	8.216	75	419391	55.146	ug/l	97
37) Ethyl Acetate	7.404	43	689609	58.921	ug/l	95
38) Carbon Tetrachloride	8.204	117	424620	53.543	ug/l	99
39) Methylcyclohexane	9.457	83	479005	55.539	ug/l	94
40) Benzene	8.457	78	1322236	58.383	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	356296	63.765	ug/l #	87
42) 1,2-Dichloroethane	8.522	62	507798	52.613	ug/l	98
43) Isopropyl Acetate	8.557	43	1077601	59.866	ug/l	93
44) Trichloroethene	9.210	130	326020	63.059	ug/l	88
45) 1,2-Dichloropropane	9.486	63	362638	57.008	ug/l	100
46) Dibromomethane	9.569	93	237792	56.157	ug/l	90
47) Bromodichloromethane	9.757	83	516435	58.812	ug/l	99
48) Methyl methacrylate	9.557	41	503395	59.889	ug/l	90
49) 1,4-Dioxane	9.563	88	200048	1402.558	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	3747031	314.854	ug/l	91
52) Toluene	10.504	92	852808	59.409	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	585456	62.928	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	592899	59.723	ug/l #	89
55) 1,1,2-Trichloroethane	10.892	97	372100	61.080	ug/l	97
56) Ethyl methacrylate	10.757	69	684842	64.722	ug/l #	84
57) 1,3-Dichloropropane	11.039	76	652664	59.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	1517466	342.382	ug/l	94
59) 2-Hexanone	11.080	43	2851197	324.075	ug/l	89
60) Dibromochloromethane	11.233	129	398806	63.502	ug/l	100
61) 1,2-Dibromoethane	11.345	107	390166	63.535	ug/l	100
64) Tetrachloroethene	10.975	164	281149	68.417	ug/l	93
65) Chlorobenzene	11.769	112	947935	67.948	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	357062	67.520	ug/l	99
67) Ethyl Benzene	11.839	91	1717852	66.283	ug/l	99
68) m/p-Xylenes	11.951	106	1266882	136.227	ug/l	94
69) o-Xylene	12.275	106	640963	68.553	ug/l	95
70) Styrene	12.292	104	1051912	70.573	ug/l	96
71) Bromoform	12.457	173	300073	77.382	ug/l #	99
73) Isopropylbenzene	12.575	105	1703181	78.865	ug/l	99
74) N-amyl acetate	12.386	43	872181	84.458	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.822	83	590686	77.597	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	495148m	68.183	ug/l	
77) Bromobenzene	12.857	156	375637	85.356	ug/l	82
78) n-propylbenzene	12.916	91	1948458	81.291	ug/l	97
79) 2-Chlorotoluene	13.004	91	1193771	79.135	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	1383338	79.415	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	206361	87.716	ug/l	96
82) 4-Chlorotoluene	13.104	91	1151180	81.787	ug/l	96
83) tert-Butylbenzene	13.322	119	1232300	79.215	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	1350314	80.722	ug/l	97
85) sec-Butylbenzene	13.498	105	1755052	84.274	ug/l	98
86) p-Isopropyltoluene	13.610	119	1369694	84.464	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	641538	85.456	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	643762	86.906	ug/l	99
89) n-Butylbenzene	13.939	91	1191085	86.866	ug/l	98
90) Hexachloroethane	14.210	117	280572	81.374	ug/l	82
91) 1,2-Dichlorobenzene	13.986	146	634067	85.033	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	134598	81.448	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	340556	100.333	ug/l	98
94) Hexachlorobutadiene	15.368	225	143202	87.667	ug/l	98
95) Naphthalene	15.504	128	1337640	100.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	349973	99.451	ug/l	98

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

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