

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073620.D
 Acq On : 28 Jul 2022 12:33
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 29 01:31:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	405155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	639680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	314159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	503700	102.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 204.040%#			
35) Dibromofluoromethane	7.951	113	429190	106.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.700%#			
50) Toluene-d8	10.380	98	1728111	109.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 218.660%#			
62) 4-Bromofluorobenzene	12.674	95	593155	121.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 242.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	373112	96.462	ug/l	99
3) Chloromethane	2.263	50	490869	86.781	ug/l	97
4) Vinyl Chloride	2.404	62	616343	90.341	ug/l	100
5) Bromomethane	2.775	94	200573	50.319	ug/l	99
6) Chloroethane	2.940	64	406239	84.928	ug/l	100
7) Trichlorofluoromethane	3.298	101	644559	91.393	ug/l	99
8) Diethyl Ether	3.763	74	258827	100.073	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	362656	90.233	ug/l	99
10) Methyl Iodide	4.345	142	467847	117.432	ug/l	98
11) Tert butyl alcohol	5.298	59	529918	497.652	ug/l	100
12) 1,1-Dichloroethene	4.110	96	371532	98.549	ug/l	92
13) Acrolein	3.975	56	549422	520.448	ug/l	98
14) Allyl chloride	4.757	41	599397	96.077	ug/l	98
15) Acrylonitrile	5.475	53	1469506	504.173	ug/l	100
16) Acetone	4.222	43	1165523	440.728	ug/l	98
17) Carbon Disulfide	4.451	76	996403	96.352	ug/l	100
18) Methyl Acetate	4.769	43	617121	93.835	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	1363310	105.619	ug/l	98
20) Methylene Chloride	5.010	84	444697	84.542	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	417527	100.033	ug/l	96
22) Diisopropyl ether	6.410	45	1334085	103.135	ug/l	98
23) Vinyl Acetate	6.351	43	5975606	544.583	ug/l	100
24) 1,1-Dichloroethane	6.304	63	772470	96.614	ug/l	99
25) 2-Butanone	7.257	43	2014055	486.242	ug/l	98
26) 2,2-Dichloropropane	7.245	77	601526	93.309	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	510503	100.035	ug/l	95
28) Bromochloromethane	7.581	49	333768	99.017	ug/l	99
29) Tetrahydrofuran	7.610	42	1310668	500.671	ug/l	99
30) Chloroform	7.745	83	810694	95.787	ug/l	100
31) Cyclohexane	8.022	56	668889	90.995	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	691641	98.460	ug/l	98
36) 1,1-Dichloropropene	8.151	75	584416	102.035	ug/l	99
37) Ethyl Acetate	7.339	43	767847	106.264	ug/l	98
38) Carbon Tetrachloride	8.133	117	586244	102.132	ug/l	97
39) Methylcyclohexane	9.392	83	741093	109.894	ug/l	99
40) Benzene	8.392	78	1887361	102.365	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	325639	95.986	ug/l	94
42) 1,2-Dichloroethane	8.463	62	610238	96.860	ug/l	99
43) Isopropyl Acetate	8.498	43	1111122	109.781	ug/l	100
44) Trichloroethene	9.151	130	487718	104.949	ug/l	99
45) 1,2-Dichloropropane	9.428	63	468833	101.630	ug/l	99
46) Dibromomethane	9.516	93	331806	103.208	ug/l	99
47) Bromodichloromethane	9.698	83	644557	105.226	ug/l	98
48) Methyl methacrylate	9.498	41	498876	114.159	ug/l	94
49) 1,4-Dioxane	9.504	88	261153	2164.294	ug/l	93
51) 4-Methyl-2-Pentanone	10.275	43	3978514	554.147	ug/l	100
52) Toluene	10.445	92	1215357	108.474	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	711084	116.797	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	766108	112.225	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	495704	103.740	ug/l	97
56) Ethyl methacrylate	10.704	69	808736	124.637	ug/l	99
57) 1,3-Dichloropropane	10.986	76	832809	104.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1812637	611.237	ug/l	98
59) 2-Hexanone	11.027	43	3097448	565.473	ug/l	100
60) Dibromochloromethane	11.180	129	534365	112.358	ug/l	99
61) 1,2-Dibromoethane	11.286	107	530948	109.659	ug/l	99
64) Tetrachloroethene	10.916	164	465199	95.239	ug/l	99
65) Chlorobenzene	11.710	112	1320269	100.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	489302	105.313	ug/l	99
67) Ethyl Benzene	11.786	91	2374820	108.668	ug/l	100
68) m/p-Xylenes	11.892	106	1841177	219.660	ug/l	99
69) o-Xylene	12.221	106	922600	113.428	ug/l	98
70) Styrene	12.233	104	1548863	119.024	ug/l	98
71) Bromoform	12.398	173	444478	117.825	ug/l #	100
73) Isopropylbenzene	12.521	105	2349102	101.755	ug/l	100
74) N-amyl acetate	12.333	43	952725	110.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	789328	88.725	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	590754m	79.360	ug/l	
77) Bromobenzene	12.798	156	593986	99.587	ug/l	99
78) n-propylbenzene	12.863	91	2703449	105.555	ug/l	100
79) 2-Chlorotoluene	12.945	91	1588849	99.292	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1966086	104.605	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	267255	110.245	ug/l	97
82) 4-Chlorotoluene	13.045	91	1565766	102.178	ug/l	98
83) tert-Butylbenzene	13.263	119	1793564	108.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1984426	107.633	ug/l	100
85) sec-Butylbenzene	13.439	105	2479246	108.435	ug/l	99
86) p-Isopropyltoluene	13.557	119	2102014	116.328	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	1090736	101.659	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	1076008	98.292	ug/l	98
89) n-Butylbenzene	13.880	91	1729108	116.667	ug/l	100
90) Hexachloroethane	14.151	117	370961	100.068	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	1083287	97.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	188082	107.286	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	660363	120.801	ug/l	100
94) Hexachlorobutadiene	15.304	225	305680	102.663	ug/l	98
95) Naphthalene	15.433	128	2232863	125.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	667136	116.630	ug/l	99

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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

