

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077250.D
 Acq On : 31 Mar 2023 12:45
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 31 23:26:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	636806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	964039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	883985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	457124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	696966	106.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 212.620%#			
35) Dibromofluoromethane	8.172	113	618205	109.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 218.040%#			
50) Toluene-d8	10.566	98	2406636	111.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 223.740%#			
62) 4-Bromofluorobenzene	12.854	95	875009	122.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 245.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	345776	106.252	ug/l	100
3) Chloromethane	2.372	50	409318	97.467	ug/l	99
4) Vinyl Chloride	2.525	62	480939	105.077	ug/l	97
5) Bromomethane	2.931	94	359475	109.243	ug/l	96
6) Chloroethane	3.113	64	395297	103.290	ug/l	99
7) Trichlorofluoromethane	3.502	101	980553	94.568	ug/l	99
8) Diethyl Ether	3.966	74	416629	104.337	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	595957	96.266	ug/l	99
10) Methyl Iodide	4.596	142	809931	106.694	ug/l	99
11) Tert butyl alcohol	5.537	59	559673	526.153	ug/l	98
12) 1,1-Dichloroethene	4.349	96	573246	100.140	ug/l	99
13) Acrolein	4.184	56	584596	517.928	ug/l	100
14) Allyl chloride	5.031	41	1057415	106.572	ug/l	99
15) Acrylonitrile	5.725	53	1751969	500.907	ug/l	100
16) Acetone	4.431	43	1486414	456.004	ug/l	99
17) Carbon Disulfide	4.725	76	1479850	97.101	ug/l	97
18) Methyl Acetate	5.025	43	1174362	95.794	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	2024751	105.697	ug/l	98
20) Methylene Chloride	5.284	84	668719	91.646	ug/l	99
21) trans-1,2-Dichloroethene	5.790	96	616890	98.553	ug/l	99
22) Diisopropyl ether	6.678	45	2156183	102.755	ug/l	98
23) Vinyl Acetate	6.607	43	6856402	544.522	ug/l	100
24) 1,1-Dichloroethane	6.572	63	1216348	98.680	ug/l	99
25) 2-Butanone	7.490	43	2318405	500.345	ug/l	100
26) 2,2-Dichloropropane	7.495	77	941068	103.196	ug/l	100
27) cis-1,2-Dichloroethene	7.490	96	754935	100.845	ug/l	98
28) Bromochloromethane	7.819	49	531121	98.741	ug/l	98
29) Tetrahydrofuran	7.842	42	1504635	516.462	ug/l	100
30) Chloroform	7.972	83	1177759	96.999	ug/l	100
31) Cyclohexane	8.260	56	1088686	94.149	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	1024894	100.061	ug/l	97
36) 1,1-Dichloropropene	8.372	75	904104	103.521	ug/l	100
37) Ethyl Acetate	7.566	43	919164	104.904	ug/l	100
38) Carbon Tetrachloride	8.366	117	912134	101.855	ug/l	99
39) Methylcyclohexane	9.607	83	1156500	107.973	ug/l	97
40) Benzene	8.613	78	2728812	99.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	508143	103.586	ug/l	99
42) 1,2-Dichloroethane	8.672	62	883274	98.448	ug/l	100
43) Isopropyl Acetate	8.689	43	1493382	108.649	ug/l	99
44) Trichloroethene	9.354	130	719533	101.422	ug/l	94
45) 1,2-Dichloropropane	9.625	63	730470	100.147	ug/l	99
46) Dibromomethane	9.713	93	452477	97.575	ug/l	99
47) Bromodichloromethane	9.889	83	937326	102.660	ug/l	100
48) Methyl methacrylate	9.684	41	731670	110.358	ug/l	98
49) 1,4-Dioxane	9.695	88	258448	2049.142	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	4637030	532.799	ug/l	100
52) Toluene	10.630	92	1731145	104.379	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	1056662	117.333	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	1158519	110.734	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	680076	99.129	ug/l	98
56) Ethyl methacrylate	10.878	69	1118058	117.729	ug/l	100
57) 1,3-Dichloropropane	11.166	76	1193095	102.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	2043921	622.595	ug/l	99
59) 2-Hexanone	11.195	43	3408311	539.631	ug/l	100
60) Dibromochloromethane	11.360	129	758434	106.403	ug/l	99
61) 1,2-Dibromoethane	11.472	107	705015	105.848	ug/l	100
64) Tetrachloroethene	11.107	164	626310	96.762	ug/l	98
65) Chlorobenzene	11.895	112	1892421	101.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	722696	101.045	ug/l	98
67) Ethyl Benzene	11.966	91	3386494	107.628	ug/l	98
68) m/p-Xylenes	12.072	106	2635594	215.362	ug/l	99
69) o-Xylene	12.401	106	1303426	110.449	ug/l	99
70) Styrene	12.413	104	2165462	115.257	ug/l	99
71) Bromoform	12.577	173	621819	110.761	ug/l #	99
73) Isopropylbenzene	12.695	105	3378323	99.107	ug/l	100
74) N-amyl acetate	12.495	43	1325238	105.453	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	1024413	86.413	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	891026m	92.531	ug/l	
77) Bromobenzene	12.983	156	855805	93.756	ug/l	98
78) n-propylbenzene	13.036	91	3883149	103.299	ug/l	99
79) 2-Chlorotoluene	13.130	91	2325137	96.160	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2827745	103.201	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	377123	118.608	ug/l	88
82) 4-Chlorotoluene	13.224	91	2276649	100.202	ug/l	100
83) tert-Butylbenzene	13.442	119	2530479	101.364	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	2836294	105.994	ug/l	99
85) sec-Butylbenzene	13.619	105	3589638	106.497	ug/l	100
86) p-Isopropyltoluene	13.730	119	3070709	111.698	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	1571040	98.094	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	1565451	99.070	ug/l	100
89) n-Butylbenzene	14.060	91	2584486	117.377	ug/l	99
90) Hexachloroethane	14.336	117	553377	96.761	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	1549935	98.531	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	198528	100.242	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	920632	150.410	ug/l	100
94) Hexachlorobutadiene	15.465	225	517652	98.858	ug/l	99
95) Naphthalene	15.589	128	2649717	162.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	883929	147.055	ug/l	100

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

