

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077674.D
 Acq On : 15 May 2023 17:13
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 02:48:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	441594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	798372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	721671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	318569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	622878	94.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 188.540%#			
35) Dibromofluoromethane	8.171	113	511094	98.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.340%#			
50) Toluene-d8	10.571	98	2000807	99.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.700%#			
62) 4-Bromofluorobenzene	12.853	95	706137	99.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 199.560%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	497303	98.953	ug/l	100
3) Chloromethane	2.365	50	517759	98.921	ug/l	97
4) Vinyl Chloride	2.518	62	620854	97.985	ug/l	99
5) Bromomethane	2.942	94	403482	86.020	ug/l	95
6) Chloroethane	3.118	64	484402	105.761	ug/l	100
7) Trichlorofluoromethane	3.501	101	852518	96.544	ug/l	100
8) Diethyl Ether	3.965	74	311907	96.755	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	475000	97.202	ug/l	100
10) Methyl Iodide	4.595	142	600506	103.039	ug/l	98
11) Tert butyl alcohol	5.524	59	406727	446.031	ug/l	98
12) 1,1-Dichloroethene	4.348	96	447847	96.423	ug/l	91
13) Acrolein	4.189	56	260942	487.241	ug/l	94
14) Allyl chloride	5.030	41	640507	93.635	ug/l	95
15) Acrylonitrile	5.724	53	1134128	465.531	ug/l	100
16) Acetone	4.430	43	916571	438.056	ug/l	98
17) Carbon Disulfide	4.718	76	1173415	93.764	ug/l	100
18) Methyl Acetate	5.030	43	787543	90.307	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	1635043	97.257	ug/l	96
20) Methylene Chloride	5.283	84	528358	99.613	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	502531	96.321	ug/l #	84
22) Diisopropyl ether	6.677	45	1549461	96.884	ug/l	93
23) Vinyl Acetate	6.612	43	4768874	481.273	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	961700	98.153	ug/l	98
25) 2-Butanone	7.489	43	1482509	455.901	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	877000	105.357	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	610448	97.583	ug/l	90
28) Bromochloromethane	7.818	49	410423	96.857	ug/l	87
29) Tetrahydrofuran	7.841	42	953438	447.778	ug/l #	85
30) Chloroform	7.971	83	1024539	95.057	ug/l	99
31) Cyclohexane	8.259	56	831961	92.643	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	920518	100.455	ug/l	97
36) 1,1-Dichloropropene	8.377	75	783930	102.949	ug/l	95
37) Ethyl Acetate	7.565	43	624412	92.000	ug/l	95
38) Carbon Tetrachloride	8.365	117	803468	104.492	ug/l	98
39) Methylcyclohexane	9.606	83	982440	105.385	ug/l	91
40) Benzene	8.612	78	2232504	99.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	322538	89.234	ug/l	92
42) 1,2-Dichloroethane	8.677	62	789866	96.766	ug/l	97
43) Isopropyl Acetate	8.694	43	1065100	96.076	ug/l	96
44) Trichloroethene	9.359	130	566348	99.537	ug/l	100
45) 1,2-Dichloropropane	9.630	63	578684	100.963	ug/l	98
46) Dibromomethane	9.712	93	399284	97.353	ug/l	98
47) Bromodichloromethane	9.894	83	806849	102.755	ug/l	97
48) Methyl methacrylate	9.688	41	518474	98.643	ug/l	86
49) 1,4-Dioxane	9.694	88	177720	1790.028	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	3150573	478.110	ug/l	94
52) Toluene	10.635	92	1446734	103.418	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	902083	108.487	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	962494	105.037	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	547969	98.652	ug/l	95
56) Ethyl methacrylate	10.882	69	865429	103.046	ug/l	92
57) 1,3-Dichloropropane	11.171	76	951849	99.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	2012442	487.072	ug/l	91
59) 2-Hexanone	11.200	43	2351017	482.350	ug/l	92
60) Dibromochloromethane	11.365	129	617114	107.619	ug/l	99
61) 1,2-Dibromoethane	11.477	107	574579	103.690	ug/l	98
64) Tetrachloroethene	11.112	164	486360	96.370	ug/l	99
65) Chlorobenzene	11.900	112	1543227	98.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	554515	102.435	ug/l	97
67) Ethyl Benzene	11.971	91	2844466	101.456	ug/l	98
68) m/p-Xylenes	12.076	106	2171628	204.421	ug/l	98
69) o-Xylene	12.406	106	1058707	101.337	ug/l	96
70) Styrene	12.418	104	1751580	105.539	ug/l	98
71) Bromoform	12.582	173	386452	107.314	ug/l #	100
73) Isopropylbenzene	12.700	105	2798667	101.915	ug/l	100
74) N-amyl acetate	12.500	43	960814	94.659	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	767808	90.887	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	747805m	97.204	ug/l	
77) Bromobenzene	12.988	156	590564	94.238	ug/l	96
78) n-propylbenzene	13.041	91	3316035	102.427	ug/l	99
79) 2-Chlorotoluene	13.129	91	1930880	99.950	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	2341771	101.464	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	294231	117.887	ug/l	92
82) 4-Chlorotoluene	13.229	91	1874936	97.546	ug/l	99
83) tert-Butylbenzene	13.447	119	1996650	99.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	2286935	100.753	ug/l	100
85) sec-Butylbenzene	13.623	105	2962068	103.444	ug/l	99
86) p-Isopropyltoluene	13.735	119	2432551	106.559	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	1124512	97.030	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	1116499	97.083	ug/l	99
89) n-Butylbenzene	14.065	91	2233779	106.386	ug/l	98
90) Hexachloroethane	14.341	117	422081	112.549	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	1068981	98.735	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	153554	93.885	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	631217	99.767	ug/l	98
94) Hexachlorobutadiene	15.506	225	275639	104.928	ug/l	99
95) Naphthalene	15.647	128	1974356	90.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	596178	96.240	ug/l	97

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

