

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079214.D
 Acq On : 11 Sep 2023 13:07
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 12 02:31:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	149935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	227983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210424	103.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 207.940%#			
35) Dibromofluoromethane	8.171	113	170856	105.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 210.880%#			
50) Toluene-d8	10.571	98	669357	112.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 225.000%#			
62) 4-Bromofluorobenzene	12.853	95	234124	123.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 246.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127314	85.818	ug/l	97
3) Chloromethane	2.365	50	141768	72.795	ug/l	100
4) Vinyl Chloride	2.512	62	178666	84.197	ug/l	99
5) Bromomethane	2.924	94	87418	71.670	ug/l	99
6) Chloroethane	3.100	64	125634	93.395	ug/l	99
7) Trichlorofluoromethane	3.489	101	270463	87.042	ug/l	100
8) Diethyl Ether	3.959	74	100598	93.275	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	148502	89.865	ug/l	96
10) Methyl Iodide	4.589	142	149158	110.344	ug/l	95
11) Tert butyl alcohol	5.530	59	146304	391.532	ug/l	100
12) 1,1-Dichloroethene	4.336	96	151069	94.470	ug/l	89
13) Acrolein	4.183	56	170046	477.066	ug/l	98
14) Allyl chloride	5.024	41	254542	99.783	ug/l #	88
15) Acrylonitrile	5.724	53	454217	468.790	ug/l	99
16) Acetone	4.430	43	437025	508.408	ug/l	95
17) Carbon Disulfide	4.712	76	433851	86.806	ug/l	99
18) Methyl Acetate	5.030	43	311910	88.289	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	535502	97.642	ug/l	93
20) Methylene Chloride	5.277	84	181597	86.812	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	172984	93.251	ug/l #	81
22) Diisopropyl ether	6.683	45	562146	100.435	ug/l #	87
23) Vinyl Acetate	6.606	43	1764831	477.312	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	322202	93.381	ug/l	98
25) 2-Butanone	7.488	43	632572	507.190	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	283148	96.997	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	205937	97.088	ug/l	91
28) Bromochloromethane	7.818	49	164094	105.186	ug/l	84
29) Tetrahydrofuran	7.841	42	393377	495.626	ug/l #	81
30) Chloroform	7.971	83	336209	93.589	ug/l	95
31) Cyclohexane	8.259	56	267087	90.376	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	297851	97.265	ug/l	98
36) 1,1-Dichloropropene	8.377	75	256041	102.516	ug/l	97
37) Ethyl Acetate	7.565	43	241988	98.484	ug/l #	95
38) Carbon Tetrachloride	8.365	117	259845	100.536	ug/l	99
39) Methylcyclohexane	9.606	83	267919	108.750	ug/l #	88
40) Benzene	8.612	78	765846	100.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	134596	104.556	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	255866	97.209	ug/l	100
43) Isopropyl Acetate	8.694	43	402433	99.005	ug/l #	93
44) Trichloroethene	9.359	130	184772	98.103	ug/l	99
45) 1,2-Dichloropropane	9.624	63	195982	103.285	ug/l	97
46) Dibromomethane	9.712	93	130961	101.669	ug/l	91
47) Bromodichloromethane	9.894	83	270662	102.588	ug/l	94
48) Methyl methacrylate	9.688	41	193982	106.543	ug/l	81
49) 1,4-Dioxane	9.700	88	72795	1943.882	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	1256959	532.707	ug/l	94
52) Toluene	10.635	92	485470	103.320	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	302839	108.859	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	321582	108.078	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	185033	100.359	ug/l	97
56) Ethyl methacrylate	10.876	69	298060	114.524	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	327331	102.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	600703	493.255	ug/l	91
59) 2-Hexanone	11.200	43	939885	549.959	ug/l	93
60) Dibromochloromethane	11.365	129	208214	106.113	ug/l	99
61) 1,2-Dibromoethane	11.476	107	193429	105.128	ug/l	98
64) Tetrachloroethene	11.106	164	155274	93.405	ug/l	96
65) Chlorobenzene	11.894	112	500217	96.853	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	192068	99.173	ug/l	97
67) Ethyl Benzene	11.970	91	946868	107.184	ug/l	96
68) m/p-Xylenes	12.076	106	707782	214.950	ug/l	95
69) o-Xylene	12.406	106	343575	108.795	ug/l	95
70) Styrene	12.418	104	584735	115.126	ug/l	99
71) Bromoform	12.582	173	149829	104.794	ug/l #	99
73) Isopropylbenzene	12.700	105	870062	93.277	ug/l	99
74) N-amyl acetate	12.500	43	347789	98.277	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	277205	79.807	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	223020m	83.852	ug/l	
77) Bromobenzene	12.982	156	209926	88.881	ug/l	100
78) n-propylbenzene	13.041	91	1026718	97.985	ug/l	98
79) 2-Chlorotoluene	13.129	91	607292	88.613	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	718730	92.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	93688	93.216	ug/l	92
82) 4-Chlorotoluene	13.229	91	616020	95.660	ug/l	99
83) tert-Butylbenzene	13.441	119	605849	94.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	722995	97.675	ug/l	99
85) sec-Butylbenzene	13.623	105	841621	95.079	ug/l	99
86) p-Isopropyltoluene	13.735	119	701763	99.232	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	374443	96.657	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	360849	92.182	ug/l	98
89) n-Butylbenzene	14.059	91	585506	105.285	ug/l	100
90) Hexachloroethane	14.335	117	128510	89.484	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	351538	91.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50258	91.826	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	155219	112.944	ug/l	97
94) Hexachlorobutadiene	15.506	225	88439	81.806	ug/l	100
95) Naphthalene	15.647	128	459992	112.695	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	157043	96.874	ug/l	97

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

