

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080129.D
 Acq On : 16 Nov 2023 11:34
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 17 01:04:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	257990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	397970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	360205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	391092	91.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 183.620%#			
35) Dibromofluoromethane	8.171	113	277888	94.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 189.260%#			
50) Toluene-d8	10.571	98	1032801	97.568	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 195.140%#			
62) 4-Bromofluorobenzene	12.853	95	393303	98.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	380770	99.083	ug/l	98
3) Chloromethane	2.365	50	266733	92.319	ug/l	98
4) Vinyl Chloride	2.512	62	303280	99.189	ug/l	96
5) Bromomethane	2.936	94	188547	90.836	ug/l	95
6) Chloroethane	3.106	64	180851	99.965	ug/l	98
7) Trichlorofluoromethane	3.489	101	619245	97.086	ug/l	99
8) Diethyl Ether	3.953	74	177051	95.447	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	282324	96.841	ug/l	96
10) Methyl Iodide	4.589	142	343439	109.006	ug/l #	87
11) Tert butyl alcohol	5.518	59	216636	462.454	ug/l	99
12) 1,1-Dichloroethene	4.336	96	266792	97.842	ug/l #	78
13) Acrolein	4.177	56	206338	497.715	ug/l	100
14) Allyl chloride	5.018	41	336562	98.104	ug/l	92
15) Acrylonitrile	5.712	53	588417	467.902	ug/l	99
16) Acetone	4.418	43	668745	467.401	ug/l	98
17) Carbon Disulfide	4.712	76	761301	93.505	ug/l	99
18) Methyl Acetate	5.018	43	392065	85.286	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	943984	98.030	ug/l	99
20) Methylene Chloride	5.277	84	298651	99.675	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	289389	96.605	ug/l	86
22) Diisopropyl ether	6.671	45	727662	95.869	ug/l	98
23) Vinyl Acetate	6.600	43	2274851	498.572	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	515572	93.262	ug/l	98
25) 2-Butanone	7.483	43	785120	461.855	ug/l	90
26) 2,2-Dichloropropane	7.489	77	542599	98.930	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	325613	95.874	ug/l	86
28) Bromochloromethane	7.812	49	202175	93.026	ug/l	96
29) Tetrahydrofuran	7.841	42	424031	464.617	ug/l	91
30) Chloroform	7.965	83	576622	93.320	ug/l	98
31) Cyclohexane	8.259	56	422429	91.185	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	583971	96.912	ug/l	99
36) 1,1-Dichloropropene	8.371	75	434050	102.094	ug/l	96
37) Ethyl Acetate	7.559	43	278407	94.408	ug/l	97
38) Carbon Tetrachloride	8.365	117	543344	100.710	ug/l	98
39) Methylcyclohexane	9.606	83	434049	105.884	ug/l	91
40) Benzene	8.606	78	1177358	97.438	ug/l	99

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41) Methacrylonitrile	7.783	41	160926	99.369	ug/l	92
42) 1,2-Dichloroethane	8.671	62	493863	99.901	ug/l	95
43) Isopropyl Acetate	8.688	43	511133	89.069	ug/l	97
44) Trichloroethene	9.353	130	306798	96.795	ug/l	97
45) 1,2-Dichloropropane	9.624	63	276650	98.521	ug/l	98
46) Dibromomethane	9.706	93	207455	97.599	ug/l	92
47) Bromodichloromethane	9.888	83	466038	99.672	ug/l	100
48) Methyl methacrylate	9.683	41	302200	102.186	ug/l	89
49) 1,4-Dioxane	9.694	88	94215	1914.988	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1429042	480.993	ug/l	98
52) Toluene	10.630	92	748496	98.983	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	502402	104.582	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	514038	104.736	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	277712	96.222	ug/l	98
56) Ethyl methacrylate	10.877	69	316750	107.429	ug/l	94
57) 1,3-Dichloropropane	11.165	76	491561	97.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	953865	574.247	ug/l	97
59) 2-Hexanone	11.194	43	1173295	491.456	ug/l	97
60) Dibromochloromethane	11.359	129	347817	100.661	ug/l	99
61) 1,2-Dibromoethane	11.471	107	287322	97.583	ug/l	97
64) Tetrachloroethene	11.106	164	261708	95.203	ug/l	99
65) Chlorobenzene	11.894	112	788629	96.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	320446	101.171	ug/l	94
67) Ethyl Benzene	11.965	91	1495461	102.966	ug/l	94
68) m/p-Xylenes	12.071	106	1099610	207.651	ug/l	87
69) o-Xylene	12.400	106	521757	104.549	ug/l	85
70) Styrene	12.412	104	789046	106.227	ug/l	93
71) Bromoform	12.582	173	235733	100.360	ug/l #	99
73) Isopropylbenzene	12.700	105	1411871	101.286	ug/l	98
74) N-amyl acetate	12.494	43	426877	98.201	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	360492	86.407	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	393003m	89.855	ug/l	
77) Bromobenzene	12.982	156	328077	93.351	ug/l	98
78) n-propylbenzene	13.035	91	1598184	102.529	ug/l	99
79) 2-Chlorotoluene	13.129	91	1005562	99.325	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1229332	101.311	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	128648	98.891	ug/l #	86
82) 4-Chlorotoluene	13.223	91	1039150	100.193	ug/l	95
83) tert-Butylbenzene	13.441	119	978668	100.574	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1240169	103.795	ug/l	96
85) sec-Butylbenzene	13.618	105	1280873	104.054	ug/l	100
86) p-Isopropyltoluene	13.735	119	1172636	106.639	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	597311	94.334	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	598796	94.103	ug/l	98
89) n-Butylbenzene	14.059	91	986110	107.141	ug/l	99
90) Hexachloroethane	14.335	117	210399	98.145	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	562120	92.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	87483	90.276	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	337259	95.701	ug/l	96
94) Hexachlorobutadiene	15.506	225	177131	87.342	ug/l	99
95) Naphthalene	15.641	128	956601	93.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	311196	94.211	ug/l	97

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

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