

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078475.D
 Acq On : 12 Jul 2023 12:07
 Operator : JC\MD
 Sample : VN0712WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Quant Time: Jul 13 02:01:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	444598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	789995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	682489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320964	53.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.700%			
35) Dibromofluoromethane	8.171	113	275571	51.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.571	98	1016697	50.185	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.853	95	304864	48.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97723	17.927	ug/l	98
3) Chloromethane	2.371	50	107635	18.167	ug/l	99
4) Vinyl Chloride	2.518	62	142200	18.554	ug/l	98
5) Bromomethane	2.959	94	102261	17.903	ug/l	96
6) Chloroethane	3.124	64	96805	19.716	ug/l	96
7) Trichlorofluoromethane	3.506	101	172842	18.866	ug/l	91
8) Diethyl Ether	3.971	74	56241	18.425	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	90456	18.651	ug/l	95
10) Methyl Iodide	4.601	142	123353	18.509	ug/l	98
11) Tert butyl alcohol	5.536	59	90408	98.366	ug/l	98
12) 1,1-Dichloroethene	4.353	96	91193	19.439	ug/l	91
13) Acrolein	4.195	56	96078	106.250	ug/l	96
14) Allyl chloride	5.036	41	116874	18.232	ug/l	95
15) Acrylonitrile	5.730	53	234364	100.923	ug/l	99
16) Acetone	4.448	43	187117	100.783	ug/l	99
17) Carbon Disulfide	4.718	76	237587	17.514	ug/l	97
18) Methyl Acetate	5.036	43	153516	19.532	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	302933	19.598	ug/l	94
20) Methylene Chloride	5.289	84	113532	20.599	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	99239	18.772	ug/l	93
22) Diisopropyl ether	6.683	45	295790	20.607	ug/l #	93
23) Vinyl Acetate	6.618	43	924932	101.360	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	186224	19.254	ug/l	97
25) 2-Butanone	7.494	43	302723	103.580	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	156855	19.828	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	120627	19.724	ug/l	94
28) Bromochloromethane	7.818	49	92742	20.358	ug/l	95
29) Tetrahydrofuran	7.853	42	192554	100.408	ug/l	87
30) Chloroform	7.977	83	203994	20.258	ug/l	98
31) Cyclohexane	8.265	56	149891	18.608	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	173242	19.189	ug/l	93
36) 1,1-Dichloropropene	8.377	75	141960	18.333	ug/l	98
37) Ethyl Acetate	7.571	43	123456	19.126	ug/l #	96
38) Carbon Tetrachloride	8.371	117	160886	19.117	ug/l	93
39) Methylcyclohexane	9.606	83	125760	17.793	ug/l	90
40) Benzene	8.612	78	439890	19.176	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	65556	19.922	ug/l	93
42) 1,2-Dichloroethane	8.677	62	154860	19.847	ug/l	99
43) Isopropyl Acetate	8.700	43	215696	20.296	ug/l	94
44) Trichloroethene	9.359	130	113738	18.396	ug/l	96
45) 1,2-Dichloropropane	9.624	63	110759	19.063	ug/l	100
46) Dibromomethane	9.718	93	80860	19.773	ug/l	93
47) Bromodichloromethane	9.894	83	159816	19.496	ug/l	99
48) Methyl methacrylate	9.688	41	94460	19.186	ug/l	90
49) 1,4-Dioxane	9.694	88	41181	383.535	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	636858	100.749	ug/l	94
52) Toluene	10.635	92	276447	19.444	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	162559	19.357	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	179628	20.066	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	113947	20.341	ug/l	95
56) Ethyl methacrylate	10.882	69	152389	19.461	ug/l	92
57) 1,3-Dichloropropane	11.171	76	182719	19.184	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.171	63	263286	94.347	ug/l	94
59) 2-Hexanone	11.200	43	451661	100.535	ug/l	92
60) Dibromochloromethane	11.365	129	120735	19.523	ug/l	100
61) 1,2-Dibromoethane	11.477	107	113780	19.717	ug/l	99
64) Tetrachloroethene	11.112	164	99803	19.451	ug/l	98
65) Chlorobenzene	11.894	112	294204	19.285	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	111774	19.046	ug/l	97
67) Ethyl Benzene	11.971	91	485550	18.830	ug/l	97
68) m/p-Xylenes	12.076	106	372832	39.105	ug/l	97
69) o-Xylene	12.406	106	181141	18.810	ug/l	97
70) Styrene	12.418	104	288458	19.147	ug/l	98
71) Bromoform	12.582	173	77080	19.393	ug/l #	97
73) Isopropylbenzene	12.700	105	450636	18.758	ug/l	99
74) N-amyl acetate	12.500	43	157914	19.074	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	157242	21.680	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	126781m	20.515	ug/l	
77) Bromobenzene	12.982	156	105923	19.327	ug/l	98
78) n-propylbenzene	13.041	91	481743	18.750	ug/l	100
79) 2-Chlorotoluene	13.129	91	313447	18.626	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	362822	19.114	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	43725	18.593	ug/l	93
82) 4-Chlorotoluene	13.229	91	294534	18.761	ug/l	98
83) tert-Butylbenzene	13.441	119	301280	18.695	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	357522	19.391	ug/l	98
85) sec-Butylbenzene	13.623	105	382224	18.764	ug/l	99
86) p-Isopropyltoluene	13.735	119	307723	18.813	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	171639	18.611	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	170252	18.327	ug/l	99
89) n-Butylbenzene	14.065	91	217772	18.608	ug/l	97
90) Hexachloroethane	14.341	117	62852	20.424	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	170472	18.574	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24601	20.248	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	43040	14.693	ug/l	96
94) Hexachlorobutadiene	15.506	225	30481	17.417	ug/l	97
95) Naphthalene	15.647	128	137260	13.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	55474	16.470	ug/l	97

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

