

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079236.D
 Acq On : 12 Sep 2023 15:29
 Operator : JC\MD
 Sample : VN0912WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02

Quant Time: Sep 13 01:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	160810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	182624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	165733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	106635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126192	58.132	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.260%			
35) Dibromofluoromethane	8.171	113	106963	88.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 176.100%#			
50) Toluene-d8	10.571	98	287889	64.542	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 129.080%#			
62) 4-Bromofluorobenzene	12.853	95	154744	108.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 217.520%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	24918	15.660	ug/l	97
3) Chloromethane	2.365	50	35023	16.768	ug/l	98
4) Vinyl Chloride	2.512	62	38505	16.919	ug/l	98
5) Bromomethane	2.953	94	21257	16.249	ug/l	100
6) Chloroethane	3.118	64	29735	19.839	ug/l	98
7) Trichlorofluoromethane	3.495	101	48714	14.617	ug/l	96
8) Diethyl Ether	3.965	74	15393	13.307	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	23697	13.370	ug/l	92
10) Methyl Iodide	4.589	142	24699	17.036	ug/l	96
11) Tert butyl alcohol	5.530	59	25986	64.840	ug/l	99
12) 1,1-Dichloroethene	4.347	96	21591	12.589	ug/l	94
13) Acrolein	4.189	56	26266	68.706	ug/l	99
14) Allyl chloride	5.024	41	32161	11.755	ug/l	94
15) Acrylonitrile	5.730	53	59978	57.716	ug/l	98
16) Acetone	4.436	43	58898	63.885	ug/l	95
17) Carbon Disulfide	4.712	76	60380	11.264	ug/l	96
18) Methyl Acetate	5.030	43	41654	10.993	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	83422	14.182	ug/l	98
20) Methylene Chloride	5.283	84	27090	12.075	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	25799	12.967	ug/l	94
22) Diisopropyl ether	6.677	45	69244	11.535	ug/l	97
23) Vinyl Acetate	6.606	43	209578	56.759	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	49213	13.298	ug/l	97
25) 2-Butanone	7.488	43	132453	99.018	ug/l	88
26) 2,2-Dichloropropane	7.488	77	62067	20.438	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	44625	19.615	ug/l	91
28) Bromochloromethane	7.818	49	49795	29.761	ug/l	86
29) Tetrahydrofuran	7.841	42	90426	106.226	ug/l #	81
30) Chloroform	7.965	83	78869	20.470	ug/l	93
31) Cyclohexane	8.265	56	58599	18.488	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	64388	19.604	ug/l	98
36) 1,1-Dichloropropene	8.377	75	52413	27.992	ug/l	96
37) Ethyl Acetate	7.565	43	50116	26.834	ug/l	96
38) Carbon Tetrachloride	8.365	117	55465	28.625	ug/l	98
39) Methylcyclohexane	9.606	83	38325	20.750	ug/l	90
40) Benzene	8.606	78	160235	27.955	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30156	32.024	ug/l	88
42) 1,2-Dichloroethane	8.677	62	55773	28.264	ug/l	99
43) Isopropyl Acetate	8.694	43	82014	26.913	ug/l	96
44) Trichloroethene	9.359	130	29808	21.110	ug/l	100
45) 1,2-Dichloropropane	9.629	63	26733	18.792	ug/l	95
46) Dibromomethane	9.712	93	20055	20.767	ug/l	90
47) Bromodichloromethane	9.894	83	41796	21.131	ug/l	96
48) Methyl methacrylate	9.688	41	24083	17.644	ug/l	88
49) 1,4-Dioxane	9.700	88	12375	440.784	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	150293	84.961	ug/l	98
52) Toluene	10.635	92	70422	19.991	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	43854	21.027	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	45413	20.358	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	27038	19.561	ug/l	98
56) Ethyl methacrylate	10.876	69	40752	20.886	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	46416	19.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	69636	91.266	ug/l	97
59) 2-Hexanone	11.200	43	113555	88.629	ug/l	96
60) Dibromochloromethane	11.365	129	32572	22.142	ug/l	99
61) 1,2-Dibromoethane	11.476	107	27424	19.881	ug/l	99
64) Tetrachloroethene	11.106	164	27551	22.798	ug/l	92
65) Chlorobenzene	11.894	112	74040	19.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	30722	21.821	ug/l	92
67) Ethyl Benzene	11.970	91	132683	20.661	ug/l	98
68) m/p-Xylenes	12.076	106	102778	42.937	ug/l	95
69) o-Xylene	12.406	106	75029	32.682	ug/l	92
70) Styrene	12.418	104	128875	34.904	ug/l	100
71) Bromoform	12.582	173	33168	31.912	ug/l #	99
73) Isopropylbenzene	12.700	105	187094	19.284	ug/l	100
74) N-amyl acetate	12.500	43	71406	19.399	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	63388	17.546	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	52983m	18.436	ug/l	
77) Bromobenzene	12.982	156	47288	19.249	ug/l	99
78) n-propylbenzene	13.041	91	222651	20.429	ug/l	98
79) 2-Chlorotoluene	13.129	91	136306	19.122	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	146464	18.118	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20122	19.249	ug/l	91
82) 4-Chlorotoluene	13.223	91	118049	17.625	ug/l	100
83) tert-Butylbenzene	13.441	119	126583	18.928	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	151348	19.658	ug/l	100
85) sec-Butylbenzene	13.623	105	175737	19.088	ug/l	98
86) p-Isopropyltoluene	13.735	119	147486	20.051	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	75240	18.673	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	74311	18.251	ug/l	99
89) n-Butylbenzene	14.059	91	112502	19.450	ug/l	99
90) Hexachloroethane	14.335	117	19552	13.089	ug/l	68
91) 1,2-Dichlorobenzene	14.111	146	72396	18.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	7620	13.875	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	21331	14.923	ug/l	98
94) Hexachlorobutadiene	15.506	225	16244	14.446	ug/l	95
95) Naphthalene	15.647	128	52120	12.277	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	23191	13.754	ug/l	98

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

