

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078093.D
 Acq On : 07 Jun 2023 11:05
 Operator : JC\MD
 Sample : VN0607WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/08/2023

Quant Time: Jun 07 16:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	765118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	663210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	251736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	293972	52.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	8.171	113	247769	51.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	10.571	98	948817	50.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.853	95	299493	51.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	85827	17.935	ug/l	94
3) Chloromethane	2.371	50	91538	19.209	ug/l	99
4) Vinyl Chloride	2.524	62	113659	18.138	ug/l	93
5) Bromomethane	2.965	94	89766	18.955	ug/l	96
6) Chloroethane	3.124	64	79726	18.663	ug/l	99
7) Trichlorofluoromethane	3.500	101	159882	18.814	ug/l	97
8) Diethyl Ether	3.971	74	55970	18.745	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	88094	19.643	ug/l	98
10) Methyl Iodide	4.600	142	116124	18.309	ug/l	99
11) Tert butyl alcohol	5.524	59	74173	95.166	ug/l	100
12) 1,1-Dichloroethene	4.353	96	84196	18.212	ug/l	94
13) Acrolein	4.195	56	89645	104.359	ug/l	97
14) Allyl chloride	5.030	41	107711	19.086	ug/l	93
15) Acrylonitrile	5.730	53	193288	96.191	ug/l	98
16) Acetone	4.436	43	157372	96.860	ug/l	96
17) Carbon Disulfide	4.724	76	209397	17.597	ug/l	97
18) Methyl Acetate	5.036	43	138265	18.484	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	289592	19.633	ug/l	96
20) Methylene Chloride	5.289	84	97379	18.137	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	91468	18.344	ug/l	91
22) Diisopropyl ether	6.677	45	259499	19.549	ug/l	95
23) Vinyl Acetate	6.612	43	780313	98.887	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	167518	19.130	ug/l	99
25) 2-Butanone	7.488	43	242448	97.038	ug/l	90
26) 2,2-Dichloropropane	7.494	77	140252	21.691	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	109152	18.352	ug/l	96
28) Bromochloromethane	7.818	49	85371	21.233	ug/l	91
29) Tetrahydrofuran	7.847	42	156790	93.872	ug/l	88
30) Chloroform	7.971	83	181219	19.218	ug/l	99
31) Cyclohexane	8.259	56	137817	19.033	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	157153	18.983	ug/l	97
36) 1,1-Dichloropropene	8.377	75	133595	19.252	ug/l	96
37) Ethyl Acetate	7.571	43	107506	19.832	ug/l #	93
38) Carbon Tetrachloride	8.365	117	139478	19.036	ug/l	97
39) Methylcyclohexane	9.606	83	138364	19.241	ug/l	94
40) Benzene	8.612	78	400209	19.318	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53976	18.370	ug/l	95
42) 1,2-Dichloroethane	8.677	62	141556	19.929	ug/l	98
43) Isopropyl Acetate	8.694	43	179752	17.339	ug/l	97
44) Trichloroethene	9.359	130	104379	19.079	ug/l	99
45) 1,2-Dichloropropane	9.630	63	101431	19.679	ug/l	96
46) Dibromomethane	9.712	93	73897	19.465	ug/l	97
47) Bromodichloromethane	9.894	83	142333	20.183	ug/l	96
48) Methyl methacrylate	9.688	41	86332	19.843	ug/l	89
49) 1,4-Dioxane	9.700	88	34842	381.032	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	526005	96.351	ug/l	95
52) Toluene	10.635	92	261163	19.967	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	148956	20.282	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	162459	20.011	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	102415	20.699	ug/l	96
56) Ethyl methacrylate	10.876	69	138636	19.243	ug/l	91
57) 1,3-Dichloropropane	11.171	76	167837	20.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	297973	102.381	ug/l	94
59) 2-Hexanone	11.200	43	374664	98.564	ug/l	92
60) Dibromochloromethane	11.365	129	103598	19.134	ug/l	98
61) 1,2-Dibromoethane	11.476	107	101663	19.579	ug/l	99
64) Tetrachloroethene	11.112	164	91583	20.699	ug/l	96
65) Chlorobenzene	11.894	112	269791	18.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	100492	19.237	ug/l	97
67) Ethyl Benzene	11.971	91	470662	19.205	ug/l	100
68) m/p-Xylenes	12.076	106	364817	39.061	ug/l	98
69) o-Xylene	12.406	106	177776	19.383	ug/l	97
70) Styrene	12.418	104	284446	19.700	ug/l	99
71) Bromoform	12.582	173	65440	19.412	ug/l #	97
73) Isopropylbenzene	12.700	105	448307	18.833	ug/l	100
74) N-amyl acetate	12.500	43	137316	17.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	138217	19.624	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	112528m	18.909	ug/l	
77) Bromobenzene	12.988	156	97876	17.712	ug/l	98
78) n-propylbenzene	13.041	91	490866	18.979	ug/l	100
79) 2-Chlorotoluene	13.129	91	306683	18.370	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	358811	18.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41520	21.435	ug/l	86
82) 4-Chlorotoluene	13.229	91	292927	18.800	ug/l	100
83) tert-Butylbenzene	13.447	119	297819	17.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	363960	19.478	ug/l	99
85) sec-Butylbenzene	13.623	105	391663	17.862	ug/l	100
86) p-Isopropyltoluene	13.735	119	323112	18.158	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	172094	18.411	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	164544	18.243	ug/l	98
89) n-Butylbenzene	14.065	91	245917	17.521	ug/l	98
90) Hexachloroethane	14.341	117	53623	16.981	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	174409	19.092	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20883	17.711	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	54736	16.817	ug/l	99
94) Hexachlorobutadiene	15.506	225	29564	16.749	ug/l	96
95) Naphthalene	15.647	128	177460	16.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	58584	16.093	ug/l	91

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

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