

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079944.D
 Acq On : 07 Nov 2023 04:07
 Operator : JC\MD
 Sample : VN1106WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS03

Quant Time: Nov 07 04:59:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	286644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	504718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	456766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	252000	57.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.400%			
35) Dibromofluoromethane	8.171	113	197466	55.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.560%			
50) Toluene-d8	10.571	98	704345	53.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.853	95	238316	54.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72372	20.961	ug/l	99
3) Chloromethane	2.360	50	95960	21.495	ug/l	99
4) Vinyl Chloride	2.512	62	105287	23.296	ug/l	99
5) Bromomethane	2.954	94	54066	19.689	ug/l	100
6) Chloroethane	3.118	64	59295	16.604	ug/l	98
7) Trichlorofluoromethane	3.501	101	118919	21.155	ug/l	96
8) Diethyl Ether	3.959	74	43253	20.276	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	66036	20.265	ug/l	97
10) Methyl Iodide	4.583	142	73562	19.768	ug/l	99
11) Tert butyl alcohol	5.524	59	58846	105.557	ug/l	96
12) 1,1-Dichloroethene	4.342	96	63063	20.439	ug/l	84
13) Acrolein	4.183	56	37414	76.277	ug/l	95
14) Allyl chloride	5.024	41	109620	23.197	ug/l #	89
15) Acrylonitrile	5.718	53	199606	114.894	ug/l	99
16) Acetone	4.430	43	161533	105.302	ug/l	89
17) Carbon Disulfide	4.712	76	166138	18.668	ug/l	95
18) Methyl Acetate	5.030	43	175483	23.911	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	225853	21.261	ug/l #	88
20) Methylene Chloride	5.277	84	81360	21.020	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	70795	20.573	ug/l #	79
22) Diisopropyl ether	6.677	45	259451	23.691	ug/l #	88
23) Vinyl Acetate	6.606	43	604092	100.002	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	153499	23.061	ug/l	95
25) 2-Butanone	7.489	43	250990	111.734	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	95146	17.284	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	86795	21.086	ug/l	88
28) Bromochloromethane	7.818	49	81159	25.019	ug/l #	75
29) Tetrahydrofuran	7.841	42	164887	112.822	ug/l #	77
30) Chloroform	7.971	83	157268	21.751	ug/l	98
31) Cyclohexane	8.259	56	115064	19.939	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	132942	22.566	ug/l	96
36) 1,1-Dichloropropene	8.377	75	105557	20.696	ug/l	94
37) Ethyl Acetate	7.565	43	110349	23.590	ug/l #	90
38) Carbon Tetrachloride	8.365	117	111737	21.737	ug/l	98
39) Methylcyclohexane	9.606	83	85318	17.774	ug/l #	83
40) Benzene	8.612	78	328995	21.536	ug/l	99

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41) Methacrylonitrile	7.783	41	60771	24.465	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	126628	23.730	ug/l	97
43) Isopropyl Acetate	8.694	43	187319	22.834	ug/l #	89
44) Trichloroethene	9.359	130	76798	20.259	ug/l	99
45) 1,2-Dichloropropane	9.624	63	87212	22.339	ug/l	93
46) Dibromomethane	9.712	93	59403	22.284	ug/l	97
47) Bromodichloromethane	9.888	83	124045	21.819	ug/l	99
48) Methyl methacrylate	9.683	41	82598	22.987	ug/l #	79
49) 1,4-Dioxane	9.700	88	30579	481.626	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	546777	118.390	ug/l	90
52) Toluene	10.635	92	197848	21.846	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	115895	20.795	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	128696	21.185	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	83141	22.824	ug/l	95
56) Ethyl methacrylate	10.877	69	111312	21.423	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	144825	22.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	273809	103.970	ug/l	88
59) 2-Hexanone	11.200	43	391116	110.701	ug/l	86
60) Dibromochloromethane	11.359	129	86183	22.103	ug/l	99
61) 1,2-Dibromoethane	11.471	107	79698	21.798	ug/l	98
64) Tetrachloroethene	11.106	164	66018	22.316	ug/l	96
65) Chlorobenzene	11.894	112	202251	20.413	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	79787	22.350	ug/l	100
67) Ethyl Benzene	11.971	91	356903	20.675	ug/l	92
68) m/p-Xylenes	12.077	106	266841	41.496	ug/l	93
69) o-Xylene	12.400	106	127138	20.532	ug/l	90
70) Styrene	12.412	104	211454	21.248	ug/l	94
71) Bromoform	12.582	173	56859	22.431	ug/l #	99
73) Isopropylbenzene	12.700	105	313167	19.920	ug/l	100
74) N-amyl acetate	12.500	43	139451	20.321	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	124162	22.274	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	95844m	19.708	ug/l	
77) Bromobenzene	12.982	156	83437	21.677	ug/l	95
78) n-propylbenzene	13.041	91	372742	20.704	ug/l	97
79) 2-Chlorotoluene	13.129	91	241780	21.022	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	263968	21.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	34740	19.435	ug/l #	83
82) 4-Chlorotoluene	13.224	91	243124	21.273	ug/l	98
83) tert-Butylbenzene	13.441	119	202954	20.270	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	261951	21.767	ug/l	99
85) sec-Butylbenzene	13.618	105	283753	20.455	ug/l	98
86) p-Isopropyltoluene	13.735	119	224077	19.813	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144187	20.137	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	142604	19.621	ug/l	98
89) n-Butylbenzene	14.059	91	177684	18.241	ug/l	97
90) Hexachloroethane	14.335	117	47853	21.365	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	141731	20.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21193	22.420	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	59691	18.572	ug/l	99
94) Hexachlorobutadiene	15.506	225	27978	19.203	ug/l	98
95) Naphthalene	15.647	128	178202	16.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	60449	19.187	ug/l	97

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

