

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079892.D
 Acq On : 04 Nov 2023 14:54
 Operator : JC\MD
 Sample : VN1104WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBS01

Quant Time: Nov 06 02:13:11 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 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	496011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	263190	55.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.980%			
35) Dibromofluoromethane	8.171	113	205119	53.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.820%			
50) Toluene-d8	10.571	98	758056	53.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.220%			
62) 4-Bromofluorobenzene	12.853	95	246986	52.671	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73836	19.689	ug/l	99
3) Chloromethane	2.359	50	87870	17.970	ug/l	94
4) Vinyl Chloride	2.512	62	105107	21.411	ug/l	100
5) Bromomethane	2.959	94	56641	18.990	ug/l	100
6) Chloroethane	3.124	64	63332	16.328	ug/l	100
7) Trichlorofluoromethane	3.500	101	157828	25.850	ug/l	99
8) Diethyl Ether	3.965	74	57954	25.013	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	88298	24.947	ug/l	97
10) Methyl Iodide	4.595	142	90198	22.316	ug/l	97
11) Tert butyl alcohol	5.530	59	47755	78.867	ug/l	100
12) 1,1-Dichloroethene	4.342	96	81620	24.355	ug/l	84
13) Acrolein	4.183	56	57778	110.075	ug/l	95
14) Allyl chloride	5.024	41	128335	25.003	ug/l #	92
15) Acrylonitrile	5.724	53	179588	95.172	ug/l	99
16) Acetone	4.430	43	212293	127.414	ug/l	93
17) Carbon Disulfide	4.712	76	227666	23.552	ug/l	98
18) Methyl Acetate	5.024	43	200577	25.162	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	215215	18.653	ug/l	93
20) Methylene Chloride	5.277	84	77032	18.323	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	70056	18.744	ug/l #	76
22) Diisopropyl ether	6.671	45	247042	20.769	ug/l #	91
23) Vinyl Acetate	6.606	43	588089	89.631	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	143847	19.896	ug/l	99
25) 2-Butanone	7.488	43	239624	98.212	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	109329	18.285	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	81921	18.323	ug/l	84
28) Bromochloromethane	7.818	49	73594	20.887	ug/l #	72
29) Tetrahydrofuran	7.841	42	156334	98.484	ug/l #	74
30) Chloroform	7.971	83	153927	19.600	ug/l	90
31) Cyclohexane	8.259	56	117852	18.802	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	127388	19.908	ug/l	95
36) 1,1-Dichloropropene	8.383	75	105193	19.182	ug/l	94
37) Ethyl Acetate	7.565	43	104914	20.860	ug/l #	89
38) Carbon Tetrachloride	8.365	117	108469	19.626	ug/l	99
39) Methylcyclohexane	9.606	83	96339	18.667	ug/l #	87
40) Benzene	8.606	78	321101	19.549	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	53060	19.867	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	122688	21.384	ug/l	96
43) Isopropyl Acetate	8.694	43	164364	18.635	ug/l #	90
44) Trichloroethene	9.359	130	77259	18.956	ug/l	97
45) 1,2-Dichloropropane	9.624	63	84806	20.204	ug/l	96
46) Dibromomethane	9.712	93	57308	19.995	ug/l	98
47) Bromodichloromethane	9.888	83	118284	19.351	ug/l	99
48) Methyl methacrylate	9.688	41	77577	20.081	ug/l #	78
49) 1,4-Dioxane	9.694	88	25486	373.344	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	501549	101.004	ug/l	90
52) Toluene	10.635	92	193460	19.867	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	114369	19.086	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	127134	19.465	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	78260	19.982	ug/l	97
56) Ethyl methacrylate	10.876	69	103777	18.576	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	138580	20.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	255340	90.178	ug/l	89
59) 2-Hexanone	11.200	43	360627	94.935	ug/l	86
60) Dibromochloromethane	11.365	129	81583	19.460	ug/l	99
61) 1,2-Dibromoethane	11.471	107	77176	19.632	ug/l	94
64) Tetrachloroethene	11.106	164	71231	22.174	ug/l	96
65) Chlorobenzene	11.894	112	199306	18.524	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	76807	19.813	ug/l	97
67) Ethyl Benzene	11.965	91	348579	18.595	ug/l	96
68) m/p-Xylenes	12.076	106	262052	37.527	ug/l	93
69) o-Xylene	12.400	106	127058	18.895	ug/l	93
70) Styrene	12.412	104	207904	19.239	ug/l	96
71) Bromoform	12.582	173	52693	19.143	ug/l #	100
73) Isopropylbenzene	12.700	105	309256	18.328	ug/l	99
74) N-amyl acetate	12.500	43	123482	16.766	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	109601	18.320	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	100050m	19.168	ug/l	
77) Bromobenzene	12.982	156	81096	19.631	ug/l	95
78) n-propylbenzene	13.041	91	371497	19.226	ug/l	97
79) 2-Chlorotoluene	13.129	91	235288	19.061	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	258707	19.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	29365	15.307	ug/l #	69
82) 4-Chlorotoluene	13.223	91	236946	19.317	ug/l	99
83) tert-Butylbenzene	13.441	119	204948	19.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	252487	19.548	ug/l	99
85) sec-Butylbenzene	13.623	105	288257	19.361	ug/l	99
86) p-Isopropyltoluene	13.735	119	231465	19.069	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	139536	18.157	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	141187	18.100	ug/l	100
89) n-Butylbenzene	14.059	91	190459	18.217	ug/l	97
90) Hexachloroethane	14.335	117	44611	18.558	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	139170	19.184	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19542	19.262	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	59472	17.241	ug/l	99
94) Hexachlorobutadiene	15.506	225	30698	19.631	ug/l	98
95) Naphthalene	15.647	128	166669	14.247	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	58689	17.357	ug/l	98

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

