

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079893.D
 Acq On : 04 Nov 2023 15:18
 Operator : JC\MD
 Sample : VN1104WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:14:02 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	292467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	253593	56.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.820%			
35) Dibromofluoromethane	8.165	113	192838	53.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.180%			
50) Toluene-d8	10.570	98	718164	53.711	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.853	95	234834	52.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71280	20.234	ug/l	99
3) Chloromethane	2.359	50	82373	17.931	ug/l	100
4) Vinyl Chloride	2.512	62	99294	21.532	ug/l	95
5) Bromomethane	2.959	94	55353	19.756	ug/l	92
6) Chloroethane	3.124	64	66484	18.246	ug/l	99
7) Trichlorofluoromethane	3.500	101	112180	19.559	ug/l	98
8) Diethyl Ether	3.959	74	41221	18.939	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	64980	19.544	ug/l	99
10) Methyl Iodide	4.594	142	69920	18.415	ug/l	98
11) Tert butyl alcohol	5.518	59	48778	85.755	ug/l	99
12) 1,1-Dichloroethene	4.347	96	59138	18.785	ug/l	85
13) Acrolein	4.177	56	41834	83.799	ug/l	93
14) Allyl chloride	5.030	41	105242	21.827	ug/l #	90
15) Acrylonitrile	5.724	53	184789	104.248	ug/l	99
16) Acetone	4.430	43	168637	107.745	ug/l	91
17) Carbon Disulfide	4.718	76	161442	17.779	ug/l	97
18) Methyl Acetate	5.030	43	158969	21.229	ug/l #	83
19) Methyl tert-butyl Ether	5.806	73	213230	19.674	ug/l	98
20) Methylene Chloride	5.277	84	76286	19.316	ug/l #	87
21) trans-1,2-Dichloroethene	5.788	96	66783	19.021	ug/l #	81
22) Diisopropyl ether	6.677	45	243600	21.801	ug/l #	89
23) Vinyl Acetate	6.606	43	588512	95.483	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	142819	21.029	ug/l	97
25) 2-Butanone	7.488	43	243986	106.454	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	108586	19.332	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	83426	19.864	ug/l	85
28) Bromochloromethane	7.812	49	73538	22.218	ug/l #	73
29) Tetrahydrofuran	7.847	42	152358	102.174	ug/l #	76
30) Chloroform	7.965	83	149200	20.225	ug/l	87
31) Cyclohexane	8.259	56	114459	19.439	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	122866	20.440	ug/l	94
36) 1,1-Dichloropropene	8.377	75	103972	20.049	ug/l	95
37) Ethyl Acetate	7.565	43	103017	21.660	ug/l #	90
38) Carbon Tetrachloride	8.365	117	104663	20.025	ug/l	100
39) Methylcyclohexane	9.606	83	93811	19.222	ug/l #	85
40) Benzene	8.612	78	316199	20.357	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52904	20.947	ug/l #	86
42) 1,2-Dichloroethane	8.676	62	120532	22.215	ug/l	96
43) Isopropyl Acetate	8.694	43	163536	19.607	ug/l #	91
44) Trichloroethene	9.359	130	76374	19.815	ug/l	94
45) 1,2-Dichloropropane	9.623	63	86357	21.755	ug/l	98
46) Dibromomethane	9.712	93	54565	20.132	ug/l	92
47) Bromodichloromethane	9.894	83	116614	20.174	ug/l	98
48) Methyl methacrylate	9.682	41	78801	21.569	ug/l #	79
49) 1,4-Dioxane	9.694	88	24511	379.690	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	511658	108.960	ug/l	89
52) Toluene	10.635	92	185367	20.130	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	116618	20.580	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	123565	20.005	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	77087	20.813	ug/l	95
56) Ethyl methacrylate	10.876	69	103851	19.657	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	136103	20.847	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	253244	94.576	ug/l	89
59) 2-Hexanone	11.200	43	367811	102.388	ug/l	85
60) Dibromochloromethane	11.359	129	80232	20.237	ug/l	100
61) 1,2-Dibromoethane	11.470	107	74842	20.132	ug/l	98
64) Tetrachloroethene	11.106	164	70210	23.207	ug/l	99
65) Chlorobenzene	11.894	112	197718	19.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	74123	20.303	ug/l	97
67) Ethyl Benzene	11.965	91	341160	19.324	ug/l	98
68) m/p-Xylenes	12.076	106	255619	38.868	ug/l	94
69) o-Xylene	12.400	106	119848	18.925	ug/l	92
70) Styrene	12.417	104	201463	19.795	ug/l	97
71) Bromoform	12.582	173	52794	20.365	ug/l #	99
73) Isopropylbenzene	12.700	105	302020	19.279	ug/l	100
74) N-amyl acetate	12.494	43	122508	17.916	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	108753	19.580	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	100319m	20.701	ug/l	
77) Bromobenzene	12.982	156	77575	20.226	ug/l	94
78) n-propylbenzene	13.035	91	361970	20.177	ug/l	97
79) 2-Chlorotoluene	13.129	91	229513	20.027	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	250412	20.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	31909	17.915	ug/l #	75
82) 4-Chlorotoluene	13.223	91	232362	20.404	ug/l	98
83) tert-Butylbenzene	13.441	119	200873	20.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	251072	20.937	ug/l	99
85) sec-Butylbenzene	13.623	105	278803	20.170	ug/l	99
86) p-Isopropyltoluene	13.735	119	224595	19.930	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	138421	19.401	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	136525	18.852	ug/l	98
89) n-Butylbenzene	14.059	91	182692	18.822	ug/l	98
90) Hexachloroethane	14.341	117	43043	19.286	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	131796	19.568	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18091	19.207	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	59209	18.488	ug/l	99
94) Hexachlorobutadiene	15.500	225	28229	19.444	ug/l	99
95) Naphthalene	15.647	128	174563	16.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	59613	18.989	ug/l	99

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

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