

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076288.D
 Acq On : 18 Jan 2023 10:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 19 00:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	366715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	524951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209196	50.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	8.171	113	192828	52.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.571	98	727354	53.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	251077	56.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	185246	49.294	ug/l	96
3) Chloromethane	2.371	50	175659	45.147	ug/l	96
4) Vinyl Chloride	2.530	62	233748	48.994	ug/l	99
5) Bromomethane	2.942	94	186279	47.679	ug/l	94
6) Chloroethane	3.118	64	164705	46.040	ug/l	97
7) Trichlorofluoromethane	3.506	101	313755	47.802	ug/l	98
8) Diethyl Ether	3.971	74	112022	50.884	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	182354	49.077	ug/l	99
10) Methyl Iodide	4.600	142	283675	49.981	ug/l	99
11) Tert butyl alcohol	5.542	59	125143	227.860	ug/l	99
12) 1,1-Dichloroethene	4.353	96	170234	48.466	ug/l	93
13) Acrolein	4.189	56	282035	429.405	ug/l	100
14) Allyl chloride	5.036	41	193119	47.180	ug/l	99
15) Acrylonitrile	5.730	53	354487	226.816	ug/l	99
16) Acetone	4.442	43	361628	274.743	ug/l	99
17) Carbon Disulfide	4.724	76	412083	47.118	ug/l	98
18) Methyl Acetate	5.036	43	198361	44.467	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	592926	51.852	ug/l	96
20) Methylene Chloride	5.289	84	186975	47.981	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	181758	47.766	ug/l	98
22) Diisopropyl ether	6.683	45	472066	48.904	ug/l	97
23) Vinyl Acetate	6.612	43	1587545	254.472	ug/l	98
24) 1,1-Dichloroethane	6.583	63	308289	47.913	ug/l	100
25) 2-Butanone	7.489	43	474733	236.145	ug/l	98
26) 2,2-Dichloropropane	7.500	77	283574	52.291	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	211058	47.556	ug/l	98
28) Bromochloromethane	7.818	49	122443	46.949	ug/l	98
29) Tetrahydrofuran	7.847	42	291056	234.580	ug/l	100
30) Chloroform	7.971	83	342920	48.165	ug/l	99
31) Cyclohexane	8.265	56	275982	43.754	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	322248	49.575	ug/l	95
36) 1,1-Dichloropropene	8.377	75	256065	49.287	ug/l	99
37) Ethyl Acetate	7.571	43	189272	45.423	ug/l	98
38) Carbon Tetrachloride	8.365	117	288305	49.762	ug/l	100
39) Methylcyclohexane	9.606	83	333785	52.611	ug/l	100
40) Benzene	8.612	78	752748	48.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	102819	47.123	ug/l	97
42) 1,2-Dichloroethane	8.677	62	252462	47.498	ug/l	100
43) Isopropyl Acetate	8.694	43	332924	49.110	ug/l	99
44) Trichloroethene	9.353	130	214863	48.902	ug/l	98
45) 1,2-Dichloropropane	9.624	63	178484	47.987	ug/l	98
46) Dibromomethane	9.712	93	135171	48.135	ug/l	98
47) Bromodichloromethane	9.888	83	272408	50.015	ug/l	98
48) Methyl methacrylate	9.682	41	154360	48.097	ug/l	99
49) 1,4-Dioxane	9.700	88	66005	974.686	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	955238	240.033	ug/l	100
52) Toluene	10.635	92	507152	48.817	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	285229	54.935	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	312140	52.256	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	195862	49.324	ug/l	98
56) Ethyl methacrylate	10.877	69	277967	54.221	ug/l	98
57) 1,3-Dichloropropane	11.165	76	314149	48.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	473803	273.764	ug/l	100
59) 2-Hexanone	11.200	43	723540	250.894	ug/l	99
60) Dibromochloromethane	11.365	129	225787	54.014	ug/l	99
61) 1,2-Dibromoethane	11.471	107	199819	50.413	ug/l	100
64) Tetrachloroethene	11.106	164	217054	45.849	ug/l	99
65) Chlorobenzene	11.894	112	548567	49.435	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	210551	50.997	ug/l	99
67) Ethyl Benzene	11.965	91	991362	52.199	ug/l	99
68) m/p-Xylenes	12.076	106	798517	104.854	ug/l	98
69) o-Xylene	12.400	106	393190	52.575	ug/l	99
70) Styrene	12.412	104	639105	53.521	ug/l	99
71) Bromoform	12.582	173	157710	52.894	ug/l #	99
73) Isopropylbenzene	12.700	105	1021710	50.349	ug/l	100
74) N-amyl acetate	12.494	43	295094	50.554	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	264771	45.387	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	238259m	49.856	ug/l	
77) Bromobenzene	12.982	156	237770	50.118	ug/l	98
78) n-propylbenzene	13.035	91	1164508	50.859	ug/l	100
79) 2-Chlorotoluene	13.129	91	674411	47.999	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	860415	50.612	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	82861	52.558	ug/l	96
82) 4-Chlorotoluene	13.129	91	674411	47.999	ug/l	98
83) tert-Butylbenzene	13.441	119	754129	49.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	867587	50.894	ug/l	100
85) sec-Butylbenzene	13.618	105	1083552	51.645	ug/l	100
86) p-Isopropyltoluene	13.735	119	933590	54.113	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	460999	48.199	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	456489	50.172	ug/l	100
89) n-Butylbenzene	14.059	91	765518	55.895	ug/l	99
90) Hexachloroethane	14.335	117	157365	52.848	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	452750	47.526	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49013	48.335	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	244153	52.962	ug/l	99
94) Hexachlorobutadiene	15.506	225	124047	49.069	ug/l	94
95) Naphthalene	15.641	128	675956	49.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	225611	51.387	ug/l	100

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

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