

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076474.D
 Acq On : 31 Jan 2023 09:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 01 00:42:10 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 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	367606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230037	55.888	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.780%			
35) Dibromofluoromethane	8.171	113	196227	51.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.571	98	711672	51.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.847	95	262571	57.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	183096	48.604	ug/l	98
3) Chloromethane	2.377	50	242033	62.055	ug/l	95
4) Vinyl Chloride	2.530	62	284597	59.508	ug/l	100
5) Bromomethane	2.959	94	177713	45.376	ug/l	98
6) Chloroethane	3.130	64	175835	49.032	ug/l	98
7) Trichlorofluoromethane	3.512	101	345580	52.523	ug/l	99
8) Diethyl Ether	3.977	74	116667	52.865	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	192169	51.593	ug/l	96
10) Methyl Iodide	4.601	142	281319	49.446	ug/l	96
11) Tert butyl alcohol	5.536	59	157819	286.660	ug/l	100
12) 1,1-Dichloroethene	4.353	96	173331	49.228	ug/l	89
13) Acrolein	4.189	56	170815	259.440	ug/l	100
14) Allyl chloride	5.036	41	237271	57.826	ug/l	88
15) Acrylonitrile	5.736	53	421217	268.860	ug/l	99
16) Acetone	4.442	43	342974	259.935	ug/l	99
17) Carbon Disulfide	4.730	76	381656	43.533	ug/l	97
18) Methyl Acetate	5.042	43	241683	54.047	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	635259	55.420	ug/l	100
20) Methylene Chloride	5.289	84	209170	53.617	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	188973	49.541	ug/l	97
22) Diisopropyl ether	6.683	45	567115	58.608	ug/l	98
23) Vinyl Acetate	6.612	43	1799256	287.708	ug/l	99
24) 1,1-Dichloroethane	6.583	63	354064	54.894	ug/l	99
25) 2-Butanone	7.489	43	525736	260.881	ug/l	97
26) 2,2-Dichloropropane	7.500	77	249978	45.984	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	234048	52.608	ug/l	99
28) Bromochloromethane	7.818	49	137668	52.659	ug/l	96
29) Tetrahydrofuran	7.841	42	348226	279.976	ug/l	98
30) Chloroform	7.971	83	407655	57.119	ug/l	99
31) Cyclohexane	8.259	56	284091	44.931	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	368272	56.518	ug/l	96
36) 1,1-Dichloropropene	8.377	75	271677	50.615	ug/l	100
37) Ethyl Acetate	7.571	43	221389	51.422	ug/l	99
38) Carbon Tetrachloride	8.365	117	326092	54.479	ug/l	98
39) Methylcyclohexane	9.606	83	323644	49.376	ug/l	95
40) Benzene	8.612	78	841344	52.421	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	126628	56.174	ug/l	97
42) 1,2-Dichloroethane	8.677	62	310644	56.569	ug/l	98
43) Isopropyl Acetate	8.694	43	390418	55.744	ug/l	99
44) Trichloroethene	9.353	130	221497	48.794	ug/l	100
45) 1,2-Dichloropropane	9.624	63	208932	54.371	ug/l	96
46) Dibromomethane	9.712	93	153915	53.051	ug/l	98
47) Bromodichloromethane	9.888	83	325950	57.925	ug/l	98
48) Methyl methacrylate	9.683	41	185502	55.946	ug/l	96
49) 1,4-Dioxane	9.700	88	75302	1076.301	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1177955	286.502	ug/l	99
52) Toluene	10.635	92	561172	52.284	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	312098	58.182	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	338917	54.918	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	225781	55.034	ug/l	96
56) Ethyl methacrylate	10.877	69	318466	60.127	ug/l	97
57) 1,3-Dichloropropane	11.165	76	367196	55.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	466239	260.751	ug/l	99
59) 2-Hexanone	11.200	43	841424	282.411	ug/l	99
60) Dibromochloromethane	11.359	129	258222	59.792	ug/l	100
61) 1,2-Dibromoethane	11.471	107	223422	54.559	ug/l	100
64) Tetrachloroethene	11.106	164	219284	43.981	ug/l	97
65) Chlorobenzene	11.894	112	604777	51.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	237916	54.714	ug/l	100
67) Ethyl Benzene	11.965	91	1109265	55.457	ug/l	98
68) m/p-Xylenes	12.071	106	876333	109.260	ug/l	98
69) o-Xylene	12.400	106	428765	54.436	ug/l	96
70) Styrene	12.412	104	718133	57.101	ug/l	98
71) Bromoform	12.582	173	182633	58.159	ug/l #	99
73) Isopropylbenzene	12.700	105	1145819	52.960	ug/l	100
74) N-amyl acetate	12.494	43	341331	54.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	318972	51.285	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	250190m	49.088	ug/l	
77) Bromobenzene	12.982	156	264654	52.347	ug/l	96
78) n-propylbenzene	13.035	91	1304665	53.443	ug/l	99
79) 2-Chlorotoluene	13.129	91	776939	51.864	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	985049	54.346	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	85746	51.012	ug/l	97
82) 4-Chlorotoluene	13.129	91	776939	51.864	ug/l	99
83) tert-Butylbenzene	13.441	119	864217	53.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	986004	54.251	ug/l	99
85) sec-Butylbenzene	13.618	105	1227368	54.868	ug/l	99
86) p-Isopropyltoluene	13.729	119	1038641	56.465	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	510332	50.045	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	496858	51.217	ug/l	99
89) n-Butylbenzene	14.059	91	810714	55.520	ug/l	99
90) Hexachloroethane	14.335	117	177259	55.834	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	493387	48.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56017	51.813	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	236764	48.289	ug/l	99
94) Hexachlorobutadiene	15.506	225	119351	44.281	ug/l	98
95) Naphthalene	15.641	128	660026	45.590	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	220962	47.298	ug/l	99

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

