

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076652.D
 Acq On : 14 Feb 2023 10:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 15:16:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	346959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.102	114	607799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	569293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	290719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	244159	50.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.920%			
35) Dibromofluoromethane	8.172	113	196946	49.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	10.566	98	788282	53.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.848	95	272272	55.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	174111	47.260	ug/l	91
3) Chloromethane	2.373	50	204739	42.595	ug/l	99
4) Vinyl Chloride	2.525	62	215735	45.604	ug/l	100
5) Bromomethane	2.955	94	134045	46.765	ug/l	94
6) Chloroethane	3.125	64	148673	49.730	ug/l	97
7) Trichlorofluoromethane	3.508	101	292150	45.390	ug/l	96
8) Diethyl Ether	3.972	74	118404	47.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	176221	46.595	ug/l	97
10) Methyl Iodide	4.602	142	225650	48.314	ug/l	96
11) Tert butyl alcohol	5.537	59	149847	236.951	ug/l	95
12) 1,1-Dichloroethene	4.355	96	160335	44.771	ug/l	85
13) Acrolein	4.190	56	226111	238.157	ug/l	100
14) Allyl chloride	5.037	41	299076	48.197	ug/l	98
15) Acrylonitrile	5.731	53	539483	240.376	ug/l	99
16) Acetone	4.437	43	464426	217.013	ug/l	96
17) Carbon Disulfide	4.725	76	439391	46.469	ug/l	100
18) Methyl Acetate	5.037	43	338138	48.405	ug/l	98
19) Methyl tert-butyl Ether	5.808	73	606032	50.193	ug/l	98
20) Methylene Chloride	5.290	84	204373	45.566	ug/l	98
21) trans-1,2-Dichloroethene	5.796	96	184935	45.875	ug/l	94
22) Diisopropyl ether	6.678	45	746439	51.287	ug/l	97
23) Vinyl Acetate	6.613	43	2546065	295.668	ug/l	99
24) 1,1-Dichloroethane	6.578	63	373409	46.814	ug/l	99
25) 2-Butanone	7.490	43	757450	239.944	ug/l	99
26) 2,2-Dichloropropane	7.496	77	282624	49.123	ug/l	97
27) cis-1,2-Dichloroethene	7.490	96	224521	46.957	ug/l	96
28) Bromochloromethane	7.819	49	193233	50.899	ug/l	93
29) Tetrahydrofuran	7.843	42	513301	248.875	ug/l	100
30) Chloroform	7.972	83	385619	48.386	ug/l	98
31) Cyclohexane	8.260	56	344969	45.902	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	317752	47.420	ug/l	96
36) 1,1-Dichloropropene	8.378	75	278753	48.471	ug/l	99
37) Ethyl Acetate	7.566	43	303873	50.220	ug/l	98
38) Carbon Tetrachloride	8.366	117	277157	47.774	ug/l	99
39) Methylcyclohexane	9.601	83	343456	52.540	ug/l	95
40) Benzene	8.613	78	872779	49.419	ug/l	100

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41) Methacrylonitrile	7.784	41	183051	52.221	ug/l	99
42) 1,2-Dichloroethane	8.672	62	299618	48.643	ug/l	99
43) Isopropyl Acetate	8.696	43	545608	55.414	ug/l	96
44) Trichloroethene	9.354	130	199367	47.770	ug/l	98
45) 1,2-Dichloropropane	9.625	63	227792	48.724	ug/l	96
46) Dibromomethane	9.713	93	149799	50.119	ug/l	98
47) Bromodichloromethane	9.890	83	306786	51.197	ug/l	99
48) Methyl methacrylate	9.684	41	242256	51.851	ug/l	99
49) 1,4-Dioxane	9.701	88	83885	1037.923	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1629439	260.106	ug/l	99
52) Toluene	10.637	92	566259	53.107	ug/l	100
53) t-1,3-Dichloropropene	10.837	75	316805	54.775	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	349744	52.424	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	218626	50.424	ug/l	93
56) Ethyl methacrylate	10.878	69	332436	54.472	ug/l	94
57) 1,3-Dichloropropane	11.166	76	378281	50.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	773367	276.698	ug/l	99
59) 2-Hexanone	11.195	43	1185470	262.451	ug/l	99
60) Dibromochloromethane	11.360	129	238699	52.237	ug/l	97
61) 1,2-Dibromoethane	11.472	107	220137	50.725	ug/l	98
64) Tetrachloroethene	11.107	164	169389	47.215	ug/l	96
65) Chlorobenzene	11.895	112	584922	48.481	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	212364	48.460	ug/l	97
67) Ethyl Benzene	11.966	91	1071170	52.113	ug/l	99
68) m/p-Xylenes	12.072	106	843651	106.483	ug/l	98
69) o-Xylene	12.401	106	406142	52.561	ug/l	99
70) Styrene	12.413	104	684103	54.749	ug/l	98
71) Bromoform	12.584	173	166837	51.902	ug/l #	98
73) Isopropylbenzene	12.695	105	1070136	50.221	ug/l	99
74) N-amyl acetate	12.495	43	478110	49.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	331860	43.025	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	275448m	46.865	ug/l	
77) Bromobenzene	12.984	156	248575	46.756	ug/l	98
78) n-propylbenzene	13.037	91	1273136	50.881	ug/l	100
79) 2-Chlorotoluene	13.125	91	728780	47.568	ug/l	99
80) 1,3,5-Trimethylbenzene	13.178	105	892501	50.681	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	97543	48.337	ug/l	93
82) 4-Chlorotoluene	13.125	91	728780	47.568	ug/l	99
83) tert-Butylbenzene	13.442	119	786868	49.392	ug/l	100
84) 1,2,4-Trimethylbenzene	13.484	105	899503	51.252	ug/l	99
85) sec-Butylbenzene	13.619	105	1154629	51.912	ug/l	99
86) p-Isopropyltoluene	13.731	119	960515	54.080	ug/l	100
87) 1,3-Dichlorobenzene	13.737	146	476252	47.390	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	477707	47.734	ug/l	98
89) n-Butylbenzene	14.060	91	861172	55.748	ug/l	98
90) Hexachloroethane	14.336	117	171868	46.216	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	482153	46.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.719	75	65142	43.592	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	288501	56.137	ug/l	99
94) Hexachlorobutadiene	15.501	225	125454	49.806	ug/l	97
95) Naphthalene	15.642	128	924627	59.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	285618	57.364	ug/l	100

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

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