Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
Data File : VN076541.D
Acq On : 06 Feb 2023 13:58
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 00:59:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 00:55:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	557966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	947211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	866939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	420376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	330675	35.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	70.020%#		
35) Dibromofluoromethane	8.177	113	297464	36.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	72.720%#		
50) Toluene-d8	10.571	98	1138748	39.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	78.820%#		
62) 4-Bromofluorobenzene	12.853	95	418584	44.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	339141	53.970	ug/l	100
3) Chloromethane	2.377	50	306568	54.059	ug/l	100
4) Vinyl Chloride	2.530	62	255306	54.438	ug/l	100
5) Bromomethane	2.953	94	173854	43.261	ug/l	100
6) Chloroethane	3.124	64	146977	50.168	ug/l	100
7) Trichlorofluoromethane	3.506	101	547266	53.636	ug/l	100
8) Diethyl Ether	3.977	74	198743	53.563	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	313448	52.699	ug/l	100
10) Methyl Iodide	4.600	142	479367	56.184	ug/l	100
11) Tert butyl alcohol	5.536	59	237410	252.805	ug/l	100
12) 1,1-Dichloroethene	4.353	96	298818	52.907	ug/l	100
13) Acrolein	4.189	56	311898	242.457	ug/l	100
14) Allyl chloride	5.036	41	416700	56.422	ug/l	100
15) Acrylonitrile	5.736	53	694506	264.099	ug/l	100
16) Acetone	4.442	43	547774	274.388	ug/l	100
17) Carbon Disulfide	4.724	76	778833	54.263	ug/l	100
18) Methyl Acetate	5.036	43	373556	52.614	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	997476	54.353	ug/l	100
20) Methylene Chloride	5.289	84	339256	50.526	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	321633	54.053	ug/l	100
22) Diisopropyl ether	6.683	45	889534	54.065	ug/l	100
23) Vinyl Acetate	6.618	43	2944839	277.720	ug/l	100
24) 1,1-Dichloroethane	6.583	63	559758	53.593	ug/l	100
25) 2-Butanone	7.488	43	848790	258.464	ug/l	100
26) 2,2-Dichloropropane	7.500	77	466939	53.046	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	375997	53.972	ug/l	100
28) Bromochloromethane	7.824	49	218096	50.429	ug/l	100
29) Tetrahydrofuran	7.847	42	556499	266.304	ug/l	100
30) Chloroform	7.977	83	599652	52.296	ug/l	100
31) Cyclohexane	8.265	56	524830	42.144	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	548359	53.642	ug/l	100
36) 1,1-Dichloropropene	8.377	75	443736	52.980	ug/l	100
37) Ethyl Acetate	7.571	43	355745	53.250	ug/l	100
38) Carbon Tetrachloride	8.371	117	484702	53.114	ug/l	100
39) Methylcyclohexane	9.606	83	574745	56.571	ug/l	100
40) Benzene	8.612	78	1348835	52.899	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	191292	53.617	ug/l		100
42) 1,2-Dichloroethane	8.677	62	434813	51.314	ug/l		100
43) Isopropyl Acetate	8.694	43	588799	54.195	ug/l		100
44) Trichloroethene	9.353	130	353567	51.865	ug/l		100
45) 1,2-Dichloropropane	9.624	63	323907	52.361	ug/l		100
46) Dibromomethane	9.712	93	229526	51.739	ug/l		100
47) Bromodichloromethane	9.888	83	467722	52.685	ug/l		100
48) Methyl methacrylate	9.682	41	281178	54.182	ug/l		100
49) 1,4-Dioxane	9.700	88	128001	1047.089	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	1753380	269.286	ug/l		100
52) Toluene	10.635	92	888272	54.583	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	489935	57.018	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	547936	56.519	ug/l		100
55) 1,1,2-Trichloroethane	11.018	97	336785	52.871	ug/l		100
56) Ethyl methacrylate	10.876	69	506325	59.219	ug/l		100
57) 1,3-Dichloropropane	11.165	76	560867	53.349	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	784517	267.245	ug/l		100
59) 2-Hexanone	11.200	43	1266229	267.670	ug/l		100
60) Dibromochloromethane	11.359	129	373341	55.156	ug/l		100
61) 1,2-Dibromoethane	11.471	107	350337	55.057	ug/l		100
64) Tetrachloroethene	11.106	164	347100	47.429	ug/l		100
65) Chlorobenzene	11.894	112	931581	51.962	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	353432	53.793	ug/l		100
67) Ethyl Benzene	11.965	91	1715394	54.355	ug/l		100
68) m/p-Xylenes	12.076	106	1353333	110.574	ug/l		100
69) o-Xylene	12.400	106	667483	55.492	ug/l		100
70) Styrene	12.412	104	1100174	57.509	ug/l		100
71) Bromoform	12.582	173	262057	55.894	ug/l	#	100
73) Isopropylbenzene	12.700	105	1755340	52.386	ug/l		100
74) N-amyl acetate	12.494	43	520802	53.324	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.941	83	474811	48.892	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	419456m	45.991	ug/l		
77) Bromobenzene	12.982	156	397185	50.381	ug/l		100
78) n-propylbenzene	13.035	91	2012457	53.978	ug/l		100
79) 2-Chlorotoluene	13.129	91	1201769	50.777	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	1508656	53.112	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	144647	56.253	ug/l		100
82) 4-Chlorotoluene	13.129	91	1201769	50.777	ug/l		100
83) tert-Butylbenzene	13.441	119	1344638	53.235	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	1506409	53.460	ug/l		100
85) sec-Butylbenzene	13.617	105	1873046	55.011	ug/l		100
86) p-Isopropyltoluene	13.735	119	1573845	56.763	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	753081	51.567	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	744244	50.522	ug/l		100
89) n-Butylbenzene	14.059	91	1279311	58.162	ug/l		100
90) Hexachloroethane	14.335	117	257910	54.478	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	737327	51.451	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	84321	50.373	ug/l		100
93) 1,2,4-Trichlorobenzene	15.394	180	350955	55.569	ug/l		100
94) Hexachlorobutadiene	15.506	225	187489	51.705	ug/l		100
95) Naphthalene	15.641	128	1037592	55.777	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	333388	54.910	ug/l		100

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

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