Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044713.D
Acq On : 10 Mar 2020 13:46
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
3/11/2020 4:57:04 PM

Quant Time: Mar 10 14:41:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 14:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	103538	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	398876	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	269945	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	586515	20.00	ng		0.00
76) Chrysene-d12	21.71	240	508710	20.00	ng		0.00
87) Perylene-d12	24.93	264	591545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	807245	117.09	ng		0.00
7) Phenol-d6	7.21	99	1160032	111.32	ng		0.00
23) Nitrobenzene-d5	9.22	82	1128218	128.78	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	434509	117.18	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	2195950	113.32	ng		0.00
79) Terphenyl-d14	20.06	244	2991551	104.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	194071	58.728	ng		99
3) Pyridine	3.92	79	543808	53.076	ng		97
4) n-Nitrosodimethylamine	3.83	42	229350	52.919	ng	#	95
6) Aniline	7.38	93	728087	55.774	ng		98
8) 2-Chlorophenol	7.62	128	399494	57.174	ng		99
9) Benzaldehyde	7.19	77	301968	49.370	ng		98
10) Phenol	7.24	94	570349	55.561	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	457337	57.982	ng		99
12) 1,3-Dichlorobenzene	7.95	146	485715	58.450	ng		97
13) 1,4-Dichlorobenzene	8.09	146	481936	58.050	ng		99
14) 1,2-Dichlorobenzene	8.42	146	456916	58.223	ng		96
15) Benzyl Alcohol	8.29	79	475011	52.838	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	805589	54.059	ng		99
17) 2-Methylphenol	8.49	107	388929	55.296	ng		90
18) Hexachloroethane	9.15	117	190183	57.116	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	408942	52.530	ng		99
20) 3+4-Methylphenols	8.82	107	546067	55.730	ng		96
22) Acetophenone	8.88	105	685808	58.896	ng		98
24) Nitrobenzene	9.26	77	580240	62.470	ng		98
25) Isophorone	9.79	82	1081037	55.956	ng		98
26) 2-Nitrophenol	9.97	139	205633	67.700	ng		94
27) 2,4-Dimethylphenol	10.03	122	355199	58.602	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	643285	59.145	ng		96
29) 2,4-Dichlorophenol	10.51	162	417634	60.558	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	493364	61.586	ng		99
31) Naphthalene	10.92	128	1328947	59.369	ng		99
32) Benzoic acid	10.19	122	285944	67.268	ng		93
33) 4-Chloroaniline	11.01	127	596208	57.827	ng		99
34) Hexachlorobutadiene	11.22	225	326234	59.605	ng		98
35) Caprolactam	11.80	113	164303	57.072	ng		96
36) 4-Chloro-3-methylphenol	12.14	107	499443	57.185	ng		95
37) 2-Methylnaphthalene	12.52	142	991993	58.724	ng		99
38) 1-Methylnaphthalene	12.74	142	929721	58.220	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	526704	60.103	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	299435	58.433 ng		97
43) 2,4,6-Trichlorophenol	13.12	196	367305	60.460 ng		100
44) 2,4,5-Trichlorophenol	13.19	196	373851	60.004 ng		99
46) 1,1'-Biphenyl	13.53	154	1277324	59.493 ng		96
47) 2-Chloronaphthalene	13.57	162	978311	59.735 ng		98
48) 2-Nitroaniline	13.76	65	370726	67.118 ng		98
49) Acenaphthylene	14.42	152	1508044	57.474 ng		99
50) Dimethylphthalate	14.15	163	1266144	56.418 ng		99
51) 2,6-Dinitrotoluene	14.26	165	269399	66.806 ng		98
52) Acenaphthene	14.76	154	1011096	59.596 ng		99
53) 3-Nitroaniline	14.59	138	310207	66.750 ng		99
54) 2,4-Dinitrophenol	14.79	184	124435	66.460 ng	#	76
55) Dibenzofuran	15.09	168	1426627	56.118 ng		96
56) 4-Nitrophenol	14.89	139	236486	65.402 ng		99
57) 2,4-Dinitrotoluene	15.04	165	374175	69.443 ng		97
58) Fluorene	15.74	166	1185577	56.385 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	339460m	57.247 ng		
60) Diethylphthalate	15.52	149	1319727	55.004 ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	640930	56.176 ng		98
62) 4-Nitroaniline	15.75	138	319089	62.338 ng		99
63) Azobenzene	16.03	77	1352123	53.850 ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	170386	71.109 ng		94
66) n-Nitrosodiphenylamine	15.95	169	1058562	59.030 ng		99
67) 4-Bromophenyl-phenylether	16.63	248	440307	59.524 ng		99
68) Hexachlorobenzene	16.75	284	486033	60.851 ng		99
69) Atrazine	16.89	200	386275	55.739 ng		99
70) Pentachlorophenol	17.08	266	282949	62.430 ng		98
71) Phenanthrene	17.48	178	1878101	58.398 ng		98
72) Anthracene	17.57	178	1835650	57.951 ng		100
73) Carbazole	17.83	167	1775864	58.541 ng		99
74) Di-n-butylphthalate	18.41	149	2139167	55.991 ng		98
75) Fluoranthene	19.49	202	2200784	56.622 ng		98
77) Benzidine	19.66	184	949500	46.757 ng		97
78) Pyrene	19.85	202	2186802	56.358 ng		95
80) Butylbenzylphthalate	20.74	149	1042453	60.190 ng		95
81) Benzo(a)anthracene	21.69	228	2162023	56.673 ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	856031	56.358 ng		99
83) Chrysene	21.76	228	2079688	57.273 ng		96
84) Bis(2-ethylhexyl)phthalate	21.62	149	1398407	57.899 ng		99
85) Di-n-octyl phthalate	22.86	149	2367490	57.080 ng		98
86) Indeno(1,2,3-cd)pyrene	28.60	276	2800231	58.391 ng		99
88) Benzo(b)fluoranthene	23.92	252	2363871	58.714 ng		99
89) Benzo(k)fluoranthene	23.99	252	2263264	59.973 ng		98
90) Benzo(a)pyrene	24.79	252	2230021	59.472 ng		97
91) Dibenzo(a,h)anthracene	28.69	278	2226180	59.539 ng		99
92) Benzo(g,h,i)perylene	29.74	276	2250951	60.101 ng		99

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

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