Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043792.D
Acq On : 9 Dec 2019 15:26
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
12/10/2019 11:51:03 AM

Quant Time: Dec 09 16:27:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 15:25:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	137840	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	580680	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	402162	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	858689	20.00	ng		0.00
76) Chrysene-d12	21.64	240	714870	20.00	ng		0.00
87) Perylene-d12	24.79	264	809396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	858121	111.92	ng		0.00
7) Phenol-d6	7.16	99	1239300	111.19	ng		0.00
23) Nitrobenzene-d5	9.16	82	1251617	118.51	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	475522	98.03	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2549103	104.19	ng		0.00
79) Terphenyl-d14	19.98	244	3219022	101.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	195179	57.412	ng		99
3) Pyridine	3.88	79	523260	54.664	ng		99
4) n-Nitrosodimethylamine	3.79	42	268423	56.450	ng		99
6) Aniline	7.33	93	825273	56.819	ng		99
8) 2-Chlorophenol	7.57	128	501162	57.309	ng		96
9) Benzaldehyde	7.14	77	299470	44.982	ng		91
10) Phenol	7.19	94	641654	56.079	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	532885	55.804	ng		96
12) 1,3-Dichlorobenzene	7.89	146	594064	57.708	ng		99
13) 1,4-Dichlorobenzene	8.04	146	593140	56.886	ng		99
14) 1,2-Dichlorobenzene	8.36	146	564403	57.208	ng		97
15) Benzyl Alcohol	8.23	79	503062	54.038	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	867118	52.801	ng		99
17) 2-Methylphenol	8.44	107	458891	56.096	ng		99
18) Hexachloroethane	9.09	117	216843	55.091	ng		99
19) n-Nitroso-di-n-propylamine	8.82	70	476527	54.368	ng		99
20) 3+4-Methylphenols	8.77	107	640536	56.125	ng		99
22) Acetophenone	8.82	105	847326	55.055	ng	#	97
24) Nitrobenzene	9.20	77	632407	58.255	ng		99
25) Isophorone	9.73	82	1227124	54.188	ng		99
26) 2-Nitrophenol	9.91	139	253143	64.633	ng		98
27) 2,4-Dimethylphenol	9.97	122	443531	57.672	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	779073	55.818	ng		97
29) 2,4-Dichlorophenol	10.45	162	555651	59.432	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	631361	57.627	ng		99
31) Naphthalene	10.85	128	1625669	56.436	ng		98
32) Benzoic acid	10.13	122	330157	59.531	ng		96
33) 4-Chloroaniline	10.95	127	795889	57.349	ng		97
34) Hexachlorobutadiene	11.15	225	383261	53.199	ng		97
35) Caprolactam	11.74	113	218158	57.385	ng		98
36) 4-Chloro-3-methylphenol	12.08	107	584520	55.632	ng		99
37) 2-Methylnaphthalene	12.46	142	1261644	58.121	ng		98
38) 1-Methylnaphthalene	12.68	142	1200955	58.294	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	713457	55.753	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	351236	50.802	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	474501	57.654	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	488226	57.022	ng		98
46) 1,1'-Biphenyl	13.47	154	1598685	57.349	ng		95
47) 2-Chloronaphthalene	13.51	162	1315397	57.862	ng		97
48) 2-Nitroaniline	13.70	65	423165	63.582	ng		97
49) Acenaphthylene	14.36	152	1928410	53.917	ng		95
50) Dimethylphthalate	14.09	163	1653353	51.898	ng		98
51) 2,6-Dinitrotoluene	14.20	165	383988	64.905	ng		99
52) Acenaphthene	14.70	154	1299466	56.812	ng		97
53) 3-Nitroaniline	14.53	138	432169	62.540	ng		96
54) 2,4-Dinitrophenol	14.73	184	137872	57.039	ng		95
55) Dibenzofuran	15.03	168	1867469	52.408	ng		96
56) 4-Nitrophenol	14.83	139	332218	57.076	ng		95
57) 2,4-Dinitrotoluene	14.98	165	528793	64.449	ng	#	96
58) Fluorene	15.68	166	1504373	51.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	441942m	51.391	ng		
60) Diethylphthalate	15.45	149	1644747	49.171	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	859128	53.399	ng		99
62) 4-Nitroaniline	15.69	138	437461	55.208	ng		100
63) Azobenzene	15.97	77	1505311	50.202	ng		96
65) 4,6-Dinitro-2-methylphenol	15.75	198	205535	70.538	ng		98
66) n-Nitrosodiphenylamine	15.88	169	1400973	61.622	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	550616	60.805	ng		98
68) Hexachlorobenzene	16.69	284	580382	58.627	ng		99
69) Atrazine	16.83	200	370192	40.629	ng		100
70) Pentachlorophenol	17.02	266	332458	55.036	ng		98
71) Phenanthrene	17.42	178	2319807	54.598	ng		93
72) Anthracene	17.51	178	2307172	53.754	ng		94
73) Carbazole	17.77	167	2139142	50.305	ng		94
74) Di-n-butylphthalate	18.35	149	2468652	45.358	ng	#	94
75) Fluoranthene	19.42	202	2604610	42.735	ng		93
77) Benzidine	19.60	184	934243	44.739	ng		97
78) Pyrene	19.78	202	2609440	56.559	ng		92
80) Butylbenzylphthalate	20.68	149	1202121	57.197	ng		98
81) Benzo(a)anthracene	21.61	228	2567031	53.713	ng		93
82) 3,3'-Dichlorobenzidine	21.53	252	983201	54.861	ng		98
83) Chrysene	21.68	228	2453317	54.250	ng		94
84) Bis(2-ethylhexyl)phthalate	21.55	149	1652618	55.885	ng		96
85) Di-n-octyl phthalate	22.75	149	2784078	58.043	ng		97
86) Indeno(1,2,3-cd)pyrene	28.38	276	3258055	61.935	ng		99
88) Benzo(b)fluoranthene	23.79	252	2733169	56.557	ng		98
89) Benzo(k)fluoranthene	23.86	252	2607108	56.212	ng		96
90) Benzo(a)pyrene	24.64	252	2602363	57.268	ng		97
91) Dibenzo(a,h)anthracene	28.45	278	2613782	59.300	ng		98
92) Benzo(g,h,i)perylene	29.50	276	2582560	59.414	ng		97

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

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