Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033946.D
Acq On : 24 Apr 2018 8:00
Operator : SJ/JU
Sample : PB108487BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108487BS

Quant Time: Apr 24 12:08:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	62160	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	276291	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	191144	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	504721	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	543243	20.00	ng		-0.02
86) Perylene-d12	24.53	264	567184	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	505204	129.76	ng		0.00
7) Phenol-d6	7.00	99	689378	121.39	ng		0.00
23) Nitrobenzene-d5	8.98	82	412820	85.03	ng		-0.01
41) 2,4,6-Tribromophenol	15.96	330	325872	146.13	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1076286	82.72	ng		-0.02
78) Terphenyl-d14	19.85	244	1941689	80.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	52773	32.077	ng	#	88
3) Pyridine	3.79	79	149918	31.495	ng		95
4) n-Nitrosodimethylamine	3.71	42	84569	38.997	ng	#	84
6) Aniline	7.16	93	62846	8.279	ng		95
8) 2-Chlorophenol	7.40	128	180167	41.298	ng		92
9) Benzaldehyde	6.97	77	85495	25.661	ng		94
10) Phenol	7.03	94	236941	40.729	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	163280	36.697	ng		92
12) 1,3-Dichlorobenzene	7.72	146	183145	36.468	ng		99
13) 1,4-Dichlorobenzene	7.86	146	185795	36.526	ng		96
14) 1,2-Dichlorobenzene	8.18	146	176457	35.672	ng		96
15) Benzyl Alcohol	8.07	79	178350	36.017	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.35	45	284911	32.831	ng		97
17) 2-Methylphenol	8.27	107	161239	37.401	ng		98
18) Hexachloroethane	8.90	117	67122	36.112	ng		95
19) n-Nitroso-di-n-propylamine	8.63	70	152505	31.505	ng	#	95
20) 3+4-Methylphenols	8.59	107	228135	36.419	ng		97
22) Acetophenone	8.64	105	269890	35.890	ng	#	96
24) Nitrobenzene	9.02	77	209516	39.603	ng		96
25) Isophorone	9.54	82	410488	37.607	ng		96
26) 2-Nitrophenol	9.73	139	98871	47.299	ng		93
27) 2,4-Dimethylphenol	9.79	122	191030	48.858	ng		92
28) bis(2-Chloroethoxy)methane	10.03	93	242229	41.990	ng		96
29) 2,4-Dichlorophenol	10.26	162	204457	46.908	ng		96
30) 1,2,4-Trichlorobenzene	10.47	180	192070	39.344	ng		95
31) Naphthalene	10.66	128	549556	38.679	ng		99
32) Benzoic acid	9.92	122	10471	7.486	ng	#	74
33) 4-Chloroaniline	10.77	127	58293	8.729	ng		96
34) Hexachlorobutadiene	10.95	225	118861	40.700	ng		93
35) Caprolactam	11.54	113	83834	45.239	ng	#	80
36) 4-Chloro-3-methylphenol	11.90	107	228182	42.893	ng		91
37) 2-Methylnaphthalene	12.27	142	426304	39.190	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	246408	38.822	ng		98
40) Hexachlorocyclopentadiene	12.63	237	293447	84.084	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	180059	46.528	ng		94
43) 2,4,5-Trichlorophenol	12.95	196	201210	45.226	ng		97
45) 1,1'-Biphenyl	13.29	154	591110	38.203	ng		99
46) 2-Chloronaphthalene	13.33	162	453240	38.632	ng		99
47) 2-Nitroaniline	13.54	65	160205	43.734	ng		89
48) Acenaphthylene	14.18	152	733288	37.601	ng		98
49) Dimethylphthalate	13.92	163	641790	38.170	ng		99
50) 2,6-Dinitrotoluene	14.04	165	140375	44.054	ng		92
51) Acenaphthene	14.52	154	455945	37.217	ng		97
52) 3-Nitroaniline	14.36	138	34490	9.968	ng	#	83
53) 2,4-Dinitrophenol	14.57	184	14432	12.665	ng	#	44
54) Dibenzofuran	14.86	168	728623	40.116	ng		96
55) 4-Nitrophenol	14.67	139	242418	89.335	ng		88
56) 2,4-Dinitrotoluene	14.83	165	203328	47.986	ng	#	80
57) Fluorene	15.51	166	616010	39.193	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	200009	49.100	ng		97
59) Diethylphthalate	15.30	149	675634	38.016	ng		99
60) 4-Chlorophenyl-phenylether	15.51	204	332774	40.479	ng		97
61) 4-Nitroaniline	15.53	138	164826	44.867	ng		93
62) Azobenzene	15.80	77	598939	37.806	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	25577	15.590	ng		91
65) n-Nitrosodiphenylamine	15.73	169	553592	37.727	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	216284	39.020	ng		96
67) Hexachlorobenzene	16.51	284	225616	38.167	ng	#	73
68) Atrazine	16.69	200	248832	43.286	ng		99
69) Pentachlorophenol	16.86	266	209838	51.679	ng		95
70) Phenanthrene	17.25	178	1049104	38.746	ng		98
71) Anthracene	17.34	178	1085227	40.079	ng		99
72) Carbazole	17.61	167	1012175	38.747	ng		96
73) Di-n-butylphthalate	18.20	149	1226914	37.754	ng		99
74) Fluoranthene	19.28	202	1312145	40.062	ng		96
76) Benzidine	19.46	184	215199	14.670	ng		97
77) Pyrene	19.63	202	1321574	37.090	ng		95
79) Butylbenzylphthalate	20.55	149	571095	36.498	ng		93
80) Benzo(a)anthracene	21.45	228	1335857	38.997	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	224916	17.609	ng		96
82) Chrysene	21.51	228	1242466	37.982	ng		96
83) Bis(2-ethylhexyl)phthalate	21.40	149	814375	36.852	ng		98
84) Di-n-octyl phthalate	22.57	149	1399405	39.897	ng		99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1536735	41.270	ng	#	92
87) Benzo(b)fluoranthene	23.57	252	1352955	39.101	ng		99
88) Benzo(k)fluoranthene	23.63	252	1324228	38.528	ng		97
89) Benzo(a)pyrene	24.39	252	1325338	39.994	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1276812	39.819	ng		97
91) Benzo(g,h,i)perylene	29.06	276	1268541	40.205	ng		99

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

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