Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024060.D
Acq On : 21 Sep 2016 18:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 21 19:02:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	69113	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	308017	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	211955	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	494388	20.00	ng		0.00
75) Chrysene-d12	21.81	240	472793	20.00	ng		0.00
86) Perylene-d12	25.15	264	482203	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	341487	86.75	ng		0.00
7) Phenol-d6	7.23	99	521852	86.12	ng		0.00
23) Nitrobenzene-d5	9.23	82	624940	90.58	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	275542	72.16	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1191372	80.59	ng		0.00
78) Terphenyl-d14	20.10	244	1626628	78.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	65215	40.17	ng		96
3) Pyridine	3.87	79	210481	43.14	ng		99
4) n-Nitrosodimethylamine	3.78	42	110411	42.93	ng	#	90
6) Aniline	7.38	93	338148	42.04	ng		94
8) 2-Chlorophenol	7.62	128	185483	40.67	ng		94
9) Benzaldehyde	7.19	77	170735	39.65	ng		92
10) Phenol	7.25	94	270535	42.44	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	210292	41.93	ng		91
12) 1,3-Dichlorobenzene	7.94	146	207299	38.84	ng		93
13) 1,4-Dichlorobenzene	8.09	146	216261	38.24	ng		96
14) 1,2-Dichlorobenzene	8.41	146	206529	38.91	ng		96
15) Benzyl Alcohol	8.30	79	239408	44.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	280524	41.73	ng		91
17) 2-Methylphenol	8.52	107	175201	40.79	ng		95
18) Hexachloroethane	9.14	117	90059	41.36	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	228634	42.71	ng		96
20) 3+4-Methylphenols	8.85	107	249478	41.68	ng		98
22) Acetophenone	8.89	105	345170	43.28	ng	#	99
24) Nitrobenzene	9.28	77	331412	44.67	ng		97
25) Isophorone	9.80	82	599049	44.77	ng		98
26) 2-Nitrophenol	9.99	139	123343	43.73	ng		96
27) 2,4-Dimethylphenol	10.06	122	208062	43.41	ng		92
28) bis(2-Chloroethoxy)methane	10.28	93	299834	44.38	ng		95
29) 2,4-Dichlorophenol	10.55	162	215442	42.42	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	229906	41.27	ng		99
31) Naphthalene	10.94	128	612081	38.57	ng		99
32) Benzoic acid	10.25	122	165611	42.54	ng		94
33) 4-Chloroaniline	11.06	127	254051	38.33	ng		97
34) Hexachlorobutadiene	11.21	225	182763	43.69	ng		94
35) Caprolactam	11.86	113	74469	41.60	ng		96
36) 4-Chloro-3-methylphenol	12.20	107	285916	42.13	ng		97
37) 2-Methylnaphthalene	12.55	142	451278	37.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	305022	43.36	ng		99
40) Hexachlorocyclopentadiene	12.88	237	143886	38.02	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	203683	43.38	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	204557	43.10	ng		90
45) 1,1'-Biphenyl	13.55	154	684194	40.13	ng		97
46) 2-Chloronaphthalene	13.60	162	507494	40.55	ng		97
47) 2-Nitroaniline	13.82	65	232671	47.19	ng		97
48) Acenaphthylene	14.45	152	824753	39.53	ng		98
49) Dimethylphthalate	14.18	163	704545	38.76	ng		97
50) 2,6-Dinitrotoluene	14.31	165	153285	39.95	ng		94
51) Acenaphthene	14.79	154	495326	38.40	ng		97
52) 3-Nitroaniline	14.66	138	137417	38.29	ng	#	86
53) 2,4-Dinitrophenol	14.87	184	87764	35.25	ng		89
54) Dibenzofuran	15.13	168	761825	37.84	ng		98
55) 4-Nitrophenol	14.99	139	102902	36.04	ng		89
56) 2,4-Dinitrotoluene	15.11	165	222299	39.42	ng		89
57) Fluorene	15.78	166	649272	37.19	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	178948	37.15	ng		92
59) Diethylphthalate	15.54	149	719861	37.10	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	352128	37.47	ng		97
61) 4-Nitroaniline	15.83	138	136013	37.49	ng		96
62) Azobenzene	16.06	77	755058	40.18	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	145535	42.40	ng		89
65) n-Nitrosodiphenylamine	15.99	169	593361	42.26	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	251422	41.80	ng		94
67) Hexachlorobenzene	16.79	284	276145	39.14	ng		96
68) Atrazine	16.94	200	252633	41.82	ng		97
69) Pentachlorophenol	17.15	266	137964	36.82	ng		99
70) Phenanthrene	17.53	178	1002642	38.98	ng		99
71) Anthracene	17.63	178	1026422	39.13	ng		98
72) Carbazole	17.91	167	911708	38.30	ng		96
73) Di-n-butylphthalate	18.44	149	1141394	40.19	ng		98
74) Fluoranthene	19.55	202	1132118	36.56	ng		95
76) Benzidine	19.74	184	409848	27.99	ng		98
77) Pyrene	19.91	202	1129209	38.83	ng		94
79) Butylbenzylphthalate	20.78	149	464457	41.43	ng		93
80) Benzo(a)anthracene	21.78	228	1088068	41.11	ng		95
81) 3,3'-Dichlorobenzidine	21.69	252	411533	38.90	ng		100
82) Chrysene	21.85	228	1027723	40.79	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	667923	43.52	ng		95
84) Di-n-octyl phthalate	22.90	149	1123202	44.62	ng		99
85) Indeno(1,2,3-cd)pyrene	28.99	276	1316226	47.19	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1099985m	40.16	ng		
88) Benzo(k)fluoranthene	24.16	252	1125917	41.45	ng	#	96
89) Benzo(a)pyrene	25.00	252	1065598	40.97	ng	#	98
90) Dibenzo(a,h)anthracene	29.05	278	1063348	41.57	ng	#	95
91) Benzo(g,h,i)perylene	30.19	276	1056696	42.95	ng	#	95

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

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