Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023094.D
Acq On : 14 Jul 2016 10:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Sohil
7/15/2016 9:14:05 AM

Quant Time: Jul 14 18:06:30 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	156681	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	689536	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	508044	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1207945	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1283582	20.00	ng		0.02
86) Perylene-d12	25.25	264	1328534	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	723585	75.53	ng		0.00
7) Phenol-d6	7.31	99	1151082	76.72	ng		0.00
23) Nitrobenzene-d5	9.33	82	1299050	80.67	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	615042	67.36	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2457374	76.19	ng		0.00
78) Terphenyl-d14	20.16	244	3208538	76.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	134548	36.13	ng		94
3) Pyridine	3.98	79	485513	38.10	ng		98
4) n-Nitrosodimethylamine	3.89	42	221439	40.51	ng	#	97
6) Aniline	7.47	93	796985	38.33	ng		95
8) 2-Chlorophenol	7.72	128	402573	39.49	ng		98
9) Benzaldehyde	7.28	77	358637	35.77	ng		93
10) Phenol	7.34	94	605913	39.25	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	454925	37.18	ng		94
12) 1,3-Dichlorobenzene	8.04	146	458721	36.76	ng		95
13) 1,4-Dichlorobenzene	8.19	146	490272	39.24	ng		92
14) 1,2-Dichlorobenzene	8.51	146	470093	37.85	ng		96
15) Benzyl Alcohol	8.40	79	532008	38.71	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	605096	40.48	ng		93
17) 2-Methylphenol	8.60	107	385146	38.32	ng		97
18) Hexachloroethane	9.25	117	196589	37.28	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	501814	37.10	ng		94
20) 3+4-Methylphenols	8.93	107	539749	38.51	ng		96
22) Acetophenone	8.98	105	798510	38.59	ng	#	95
24) Nitrobenzene	9.38	77	689702	40.31	ng		93
25) Isophorone	9.89	82	1223963	37.79	ng		98
26) 2-Nitrophenol	10.09	139	275999	41.11	ng		93
27) 2,4-Dimethylphenol	10.15	122	443674	38.23	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	710094	39.31	ng		97
29) 2,4-Dichlorophenol	10.63	162	490967	39.66	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	542389	38.24	ng		100
31) Naphthalene	11.04	128	1382018	39.37	ng		99
32) Benzoic acid	10.31	122	396630	37.56	ng		98
33) 4-Chloroaniline	11.14	127	668197	38.93	ng		98
34) Hexachlorobutadiene	11.32	225	440063	38.27	ng		95
35) Caprolactam	11.93	113	179003	35.15	ng		97
36) 4-Chloro-3-methylphenol	12.27	107	642367	37.94	ng		93
37) 2-Methylnaphthalene	12.64	142	1071316	38.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	861233	39.34	ng		99
40) Hexachlorocyclopentadiene	12.98	237	589639	46.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	486089	38.63	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	495491	38.34	ng		93
45) 1,1'-Biphenyl	13.64	154	1546200	40.56	ng		96
46) 2-Chloronaphthalene	13.68	162	1249897	40.42	ng		97
47) 2-Nitroaniline	13.89	65	550514	41.72	ng		96
48) Acenaphthylene	14.53	152	1799582	38.80	ng		96
49) Dimethylphthalate	14.25	163	1506793	36.31	ng		97
50) 2,6-Dinitrotoluene	14.38	165	356430	38.22	ng		89
51) Acenaphthene	14.87	154	1459506m	48.15	ng		
52) 3-Nitroaniline	14.72	138	375074	40.33	ng		93
53) 2,4-Dinitrophenol	14.92	184	343869	53.73	ng		97
54) Dibenzofuran	15.20	168	1699429	37.46	ng		99
55) 4-Nitrophenol	15.03	139	284830	36.54	ng		93
56) 2,4-Dinitrotoluene	15.17	165	513885	37.79	ng		92
57) Fluorene	15.86	166	1477424	37.83	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.43	232	460934	35.65	ng		97
59) Diethylphthalate	15.61	149	1543136	36.54	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	871222	36.63	ng		99
61) 4-Nitroaniline	15.89	138	383425	38.10	ng		88
62) Azobenzene	16.13	77	1612437	39.92	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	333954	37.20	ng		94
65) n-Nitrosodiphenylamine	16.06	169	1385571	39.81	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	580721	36.95	ng		98
67) Hexachlorobenzene	16.86	284	636220	37.23	ng		99
68) Atrazine	17.01	200	576909	37.37	ng		98
69) Pentachlorophenol	17.21	266	402472	36.37	ng		97
70) Phenanthrene	17.60	178	2251672	38.04	ng		96
71) Anthracene	17.70	178	2301613	38.40	ng		97
72) Carbazole	17.97	167	2006941	38.75	ng		98
73) Di-n-butylphthalate	18.51	149	2318358	40.25	ng		98
74) Fluoranthene	19.61	202	2654258	36.54	ng		95
76) Benzidine	19.79	184	1979329	53.79	ng		95
77) Pyrene	19.97	202	2695122	37.36	ng		95
79) Butylbenzylphthalate	20.85	149	1200737	42.03	ng		96
80) Benzo(a)anthracene	21.84	228	2795598	38.93	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	1230807	39.05	ng	#	96
82) Chrysene	21.92	228	2599723	38.59	ng		93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1648212	41.55	ng		98
84) Di-n-octyl phthalate	22.99	149	2759921	41.72	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	3178288	37.00	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2942632	38.39	ng	#	96
88) Benzo(k)fluoranthene	24.24	252	2913243	40.05	ng	#	96
89) Benzo(a)pyrene	25.08	252	2877489	39.16	ng	#	98
90) Dibenzo(a,h)anthracene	29.19	278	2709691	37.16	ng	#	96
91) Benzo(g,h,i)perylene	30.33	276	2684772	36.76	ng	#	95

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

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