Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
Data File : BG022501.D
Acq On : 23 Jun 2016 2:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/23/2016 7:07:15 PM

Quant Time: Jun 23 05:17:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	22608	20.00	ng		-0.02
21) Naphthalene-d8	10.78	136	148214	20.00	ng		-0.02
38) Acenaphthene-d10	14.62	164	100734	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	238917	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	143092	20.00	ng		-0.02
86) Perylene-d12	24.80	264	118368	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	97157	83.09	ng		-0.03
7) Phenol-d6	7.15	99	181364	98.65	ng		-0.03
23) Nitrobenzene-d5	9.14	82	175934	82.76	ng		-0.02
41) 2,4,6-Tribromophenol	16.11	330	76562	67.26	ng		-0.02
44) 2-Fluorobiphenyl	13.23	172	503077	76.11	ng		-0.02
78) Terphenyl-d14	19.97	244	639492	106.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	17216	30.71	ng	#	79
3) Pyridine	3.72	79	63907	42.18	ng		97
4) n-Nitrosodimethylamine	3.64	42	13752	40.59	ng		91
6) Aniline	7.29	93	117804m	50.44	ng		
8) 2-Chlorophenol	7.54	128	72277	44.72	ng	#	79
9) Benzaldehyde	7.10	77	40306	39.83	ng	#	69
10) Phenol	7.18	94	93211	49.18	ng		81
11) bis(2-Chloroethyl)ether	7.38	93	71062	47.02	ng	#	73
12) 1,3-Dichlorobenzene	7.85	146	66826	38.57	ng	#	89
13) 1,4-Dichlorobenzene	8.00	146	68102	39.45	ng		94
14) 1,2-Dichlorobenzene	8.32	146	69402	39.89	ng		98
15) Benzyl Alcohol	8.22	79	59501	50.09	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	75239	47.98	ng		83
17) 2-Methylphenol	8.43	107	73152	51.72	ng	#	87
18) Hexachloroethane	9.05	117	26580	42.17	ng	#	85
19) n-Nitroso-di-n-propylamine	8.77	70	65205	52.39	ng	#	69
20) 3+4-Methylphenols	8.76	107	102580	50.56	ng		93
22) Acetophenone	8.80	105	131081	41.04	ng	#	82
24) Nitrobenzene	9.19	77	87128	40.76	ng	#	84
25) Isophorone	9.70	82	202042	40.62	ng		95
26) 2-Nitrophenol	9.90	139	50482	43.55	ng	#	73
27) 2,4-Dimethylphenol	9.97	122	87658	41.78	ng		93
28) bis(2-Chloroethoxy)methane	10.18	93	119866	42.07	ng		91
29) 2,4-Dichlorophenol	10.46	162	79204	40.75	ng		99
30) 1,2,4-Trichlorobenzene	10.65	180	77809	35.82	ng		94
31) Naphthalene	10.84	128	293039	39.61	ng	#	94
32) Benzoic acid	10.14	122	44419	56.64	ng	#	84
33) 4-Chloroaniline	10.95	127	134229	43.63	ng	#	90
34) Hexachlorobutadiene	11.11	225	36253	31.09	ng		93
35) Caprolactam	11.74	113	44197m	41.45	ng		
36) 4-Chloro-3-methylphenol	12.10	107	105630	45.85	ng		85
37) 2-Methylnaphthalene	12.44	142	227674	41.69	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	90833	35.03	ng		96
40) Hexachlorocyclopentadiene	12.78	237	31167	27.20	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	68088	39.14	ng		93
43) 2,4,5-Trichlorophenol	13.15	196	73358	38.17	ng		98
45) 1,1'-Biphenyl	13.45	154	303567	40.04	ng		93
46) 2-Chloronaphthalene	13.50	162	232573	40.02	ng		98
47) 2-Nitroaniline	13.72	65	62535	45.13	ng	#	55
48) Acenaphthylene	14.34	152	412675	40.47	ng		96
49) Dimethylphthalate	14.07	163	307806	36.85	ng		100
50) 2,6-Dinitrotoluene	14.20	165	73117	40.27	ng	#	81
51) Acenaphthene	14.69	154	246748	40.39	ng		95
52) 3-Nitroaniline	14.54	138	86665	43.03	ng	#	80
53) 2,4-Dinitrophenol	14.76	184	61241	82.24	ng	#	75
54) Dibenzofuran	15.02	168	384882	40.37	ng		99
55) 4-Nitrophenol	14.89	139	109250	78.61	ng	#	69
56) 2,4-Dinitrotoluene	15.00	165	107737	44.24	ng	#	86
57) Fluorene	15.67	166	339228	41.31	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	63603m	36.90	ng		
59) Diethylphthalate	15.43	149	346077	38.79	ng		99
60) 4-Chlorophenyl-phenylether	15.65	204	144313	38.80	ng		94
61) 4-Nitroaniline	15.71	138	77427	36.25	ng	#	76
62) Azobenzene	15.95	77	309213	45.76	ng		87
64) 4,6-Dinitro-2-methylphenol	15.77	198	48231	40.75	ng		80
65) n-Nitrosodiphenylamine	15.87	169	288451	41.91	ng		96
66) 4-Bromophenyl-phenylether	16.55	248	84943	37.94	ng		98
67) Hexachlorobenzene	16.67	284	91908	35.23	ng		97
68) Atrazine	16.82	200	92958	36.49	ng		97
69) Pentachlorophenol	17.03	266	73172	63.40	ng		100
70) Phenanthrene	17.41	178	525105	40.47	ng		98
71) Anthracene	17.50	178	525324	40.82	ng		96
72) Carbazole	17.78	167	479566	39.35	ng		98
73) Di-n-butylphthalate	18.31	149	679696	42.65	ng		98
74) Fluoranthene	19.42	202	513509	34.42	ng		95
76) Benzidine	19.60	184	143580	38.37	ng		98
77) Pyrene	19.77	202	488320	54.89	ng		99
79) Butylbenzylphthalate	20.64	149	235137	57.00	ng	#	96
80) Benzo(a)anthracene	21.60	228	330882	41.24	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	88263	39.18	ng	#	97
82) Chrysene	21.67	228	318731	40.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.48	149	297774	49.08	ng	#	96
84) Di-n-octyl phthalate	22.66	149	485675	48.21	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.46	276	301126	34.38	ng	#	77
87) Benzo(b)fluoranthene	23.79	252	287643	41.67	ng	#	92
88) Benzo(k)fluoranthene	23.86	252	277482	40.83	ng	#	93
89) Benzo(a)pyrene	24.66	252	278561	42.20	ng	#	94
90) Dibenzo(a,h)anthracene	28.49	278	249239	40.09	ng	#	86
91) Benzo(g,h,i)perylene	29.60	276	241559	37.35	ng	#	87

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

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