Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019936.D
Acq On : 5 Dec 2015 11:14
Operator : UM/NP
Sample : PB87014BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:29:45 PM

Quant Time: Dec 07 04:53:25 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26176	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	114390	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	84346	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	218265	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	266253	20.00	ng		-0.03
86) Perylene-d12	25.04	264	246885	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	133775	92.37	ng		0.00
7) Phenol-d6	7.26	99	195533	89.42	ng		0.00
23) Nitrobenzene-d5	9.29	82	187673	83.73	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	103206	79.97	ng		-0.01
44) 2-Fluorobiphenyl	13.37	172	477031	77.22	ng		-0.02
78) Terphenyl-d14	20.09	244	866763	79.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20033	35.51	ng	#	100
3) Pyridine	3.93	79	62562	36.51	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	33302	36.95	ng		82
6) Aniline	7.43	93	76246	26.93	ng	#	83
8) 2-Chlorophenol	7.68	128	74993	42.46	ng		93
9) Benzaldehyde	7.25	77	18084	12.40	ng		92
10) Phenol	7.29	94	105936	46.03	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	68048	39.92	ng		85
12) 1,3-Dichlorobenzene	8.00	146	75801	37.87	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	77741	37.60	ng		93
14) 1,2-Dichlorobenzene	8.47	146	75907	38.49	ng		96
15) Benzyl Alcohol	8.35	79	81520	42.48	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	105455	37.94	ng		95
17) 2-Methylphenol	8.55	107	71000	43.70	ng	#	92
18) Hexachloroethane	9.21	117	29908	38.63	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	63898	37.05	ng		90
20) 3+4-Methylphenols	8.88	107	100927	44.11	ng		93
22) Acetophenone	8.94	105	116632	37.20	ng	#	91
24) Nitrobenzene	9.33	77	99471	40.91	ng		90
25) Isophorone	9.85	82	178432	37.13	ng	#	96
26) 2-Nitrophenol	10.04	139	41375	44.06	ng	#	75
27) 2,4-Dimethylphenol	10.09	122	83014	42.45	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	100298	42.71	ng		98
29) 2,4-Dichlorophenol	10.57	162	88870	44.49	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	85857	38.03	ng		97
31) Naphthalene	10.98	128	245693	40.09	ng		98
32) Benzoic acid	10.21	122	56065	43.23	ng		90
33) 4-Chloroaniline	11.08	127	58328	21.60	ng	#	92
34) Hexachlorobutadiene	11.27	225	60000	36.03	ng		99
35) Caprolactam	11.86	113	33015m	44.40	ng		
36) 4-Chloro-3-methylphenol	12.19	107	105133	42.26	ng		94
37) 2-Methylnaphthalene	12.58	142	189645	42.23	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	118507	37.02	ng		99
40) Hexachlorocyclopentadiene	12.93	237	125740	68.90	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	83796	39.54	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	94453	42.17	ng		94
45) 1,1'-Biphenyl	13.58	154	252649	36.50	ng		99
46) 2-Chloronaphthalene	13.63	162	206326	38.67	ng		97
47) 2-Nitroaniline	13.82	65	76001	45.10	ng		90
48) Acenaphthylene	14.47	152	348662	38.36	ng		98
49) Dimethylphthalate	14.20	163	289200	38.12	ng		99
50) 2,6-Dinitrotoluene	14.31	165	62865	44.07	ng	#	76
51) Acenaphthene	14.81	154	246338	44.67	ng		98
52) 3-Nitroaniline	14.64	138	50516	34.09	ng		94
53) 2,4-Dinitrophenol	14.84	184	67300	87.65	ng	#	86
54) Dibenzofuran	15.14	168	350252	42.69	ng		94
55) 4-Nitrophenol	14.94	139	108868	84.35	ng	#	60
56) 2,4-Dinitrotoluene	15.10	165	92821	46.64	ng	#	88
57) Fluorene	15.79	166	285803	38.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	94746	45.71	ng		97
59) Diethylphthalate	15.55	149	306468	37.32	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	156833	37.20	ng		98
61) 4-Nitroaniline	15.80	138	69925	41.95	ng	#	72
62) Azobenzene	16.07	77	293958	43.02	ng		94
64) 4,6-Dinitro-2-methylphenol	15.85	198	53193	43.97	ng		90
65) n-Nitrosodiphenylamine	16.00	169	258267	40.89	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	105645	38.95	ng		94
67) Hexachlorobenzene	16.79	284	111644	39.52	ng		95
68) Atrazine	16.94	200	98377	35.85	ng		97
69) Pentachlorophenol	17.13	266	147739	89.59	ng		96
70) Phenanthrene	17.53	178	497804	40.31	ng		97
71) Anthracene	17.62	178	512795	40.77	ng		96
72) Carbazole	17.89	167	456252	41.17	ng		97
73) Di-n-butylphthalate	18.44	149	544114	40.06	ng		99
74) Fluoranthene	19.53	202	630579	39.92	ng		95
76) Benzidine	19.71	184	277500	31.73	ng		96
77) Pyrene	19.89	202	651651	41.60	ng		94
79) Butylbenzylphthalate	20.77	149	259980	42.34	ng		99
80) Benzo(a)anthracene	21.74	228	662580	40.65	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	181043	29.17	ng	#	97
82) Chrysene	21.81	228	604586	39.07	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	369016	40.96	ng		98
84) Di-n-octyl phthalate	22.89	149	638851	43.61	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	742756	43.57	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	644393	41.18	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	629682	40.63	ng	#	94
89) Benzo(a)pyrene	24.89	252	627163	42.22	ng	#	96
90) Dibenzo(a,h)anthracene	28.87	278	615048	41.91	ng	#	94
91) Benzo(g,h,i)perylene	29.97	276	615964	42.74	ng	#	94

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

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