Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019988.D
Acq On : 7 Dec 2015 19:36
Operator : UM/NP
Sample : PB87109BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87109BS

Manual Integrations APPROVED
Mmdadoda
12/8/2015 6:30:15 PM

Quant Time: Dec 08 00:28:59 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	8.11	152	16916	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	73642	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	53110	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	133863	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	163972	20.00	ng		-0.04
86) Perylene-d12	25.04	264	155622	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	131294	140.28	ng		-0.01
7) Phenol-d6	7.26	99	191386	135.43	ng		-0.01
23) Nitrobenzene-d5	9.28	82	124484	86.27	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	96724	119.03	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	299388	76.97	ng		-0.02
78) Terphenyl-d14	20.08	244	558753	83.12	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	13749	37.71	ng	#	100
3) Pyridine	3.92	79	43198	39.01	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	23214	39.86	ng	#	85
6) Aniline	7.43	93	34945	19.10	ng	#	86
8) 2-Chlorophenol	7.67	128	52477	45.98	ng		94
9) Benzaldehyde	7.24	77	15030	15.95	ng		86
10) Phenol	7.29	94	71565	48.12	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	47746	43.35	ng		87
12) 1,3-Dichlorobenzene	8.00	146	52569	40.64	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	54441	40.75	ng		91
14) 1,2-Dichlorobenzene	8.47	146	52678	41.34	ng		95
15) Benzyl Alcohol	8.35	79	54719	44.13	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	71935	40.04	ng		96
17) 2-Methylphenol	8.55	107	48373	46.07	ng	#	92
18) Hexachloroethane	9.20	117	19754	39.49	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	42412	38.06	ng	#	89
20) 3+4-Methylphenols	8.88	107	67110	45.39	ng		91
22) Acetophenone	8.94	105	77650	38.47	ng	#	92
24) Nitrobenzene	9.32	77	67549	43.16	ng		91
25) Isophorone	9.85	82	119069	38.49	ng		98
26) 2-Nitrophenol	10.04	139	28529	47.19	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	54634	43.40	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	66713	44.13	ng		99
29) 2,4-Dichlorophenol	10.57	162	59820	46.52	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	58184	40.03	ng		96
31) Naphthalene	10.98	128	165081	41.84	ng		99
32) Benzoic acid	10.21	122	37957	45.15	ng		87
33) 4-Chloroaniline	11.09	127	19771	11.37	ng	#	92
34) Hexachlorobutadiene	11.26	225	40661	37.93	ng		93
35) Caprolactam	11.85	113	20529m	42.88	ng		
36) 4-Chloro-3-methylphenol	12.20	107	68286	42.64	ng		94
37) 2-Methylnaphthalene	12.58	142	123536	42.73	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	78380	38.89	ng		98
40) Hexachlorocyclopentadiene	12.93	237	83566	72.72	ng		98

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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)
42) 2,4,6-Trichlorophenol	13.18	196	55601	41.67	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	60881	43.17	ng		97
45) 1,1'-Biphenyl	13.58	154	163280	37.46	ng		99
46) 2-Chloronaphthalene	13.63	162	133121	39.62	ng		94
47) 2-Nitroaniline	13.82	65	50194	47.30	ng	#	83
48) Acenaphthylene	14.47	152	225211	39.36	ng		99
49) Dimethylphthalate	14.20	163	184308	38.58	ng		98
50) 2,6-Dinitrotoluene	14.31	165	40454	45.04	ng	#	74
51) Acenaphthene	14.81	154	137515	39.60	ng		99
52) 3-Nitroaniline	14.64	138	23793	25.50	ng		94
53) 2,4-Dinitrophenol	14.84	184	39160	81.70	ng		88
54) Dibenzofuran	15.14	168	223937	43.35	ng		94
55) 4-Nitrophenol	14.94	139	70433	86.66	ng	#	69
56) 2,4-Dinitrotoluene	15.09	165	59219	47.25	ng	#	85
57) Fluorene	15.79	166	183111	39.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	60261	46.17	ng		98
59) Diethylphthalate	15.55	149	195840	37.88	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	100907	38.01	ng		97
61) 4-Nitroaniline	15.80	138	44655	42.55	ng	#	69
62) Azobenzene	16.07	77	185632	43.15	ng		93
64) 4,6-Dinitro-2-methylphenol	15.86	198	33772	45.30	ng		92
65) n-Nitrosodiphenylamine	15.99	169	168083	43.39	ng		94
66) 4-Bromophenyl-phenylether	16.67	248	66352	39.89	ng		95
67) Hexachlorobenzene	16.79	284	73682	42.52	ng		100
68) Atrazine	16.93	200	70343	41.80	ng		96
69) Pentachlorophenol	17.13	266	93323	92.28	ng		97
70) Phenanthrene	17.53	178	323440	42.71	ng		96
71) Anthracene	17.62	178	330662	42.86	ng		96
72) Carbazole	17.88	167	289899	42.66	ng		97
73) Di-n-butylphthalate	18.44	149	350067	42.03	ng		98
74) Fluoranthene	19.53	202	414825	42.82	ng		94
76) Benzidine	19.71	184	98747	18.33	ng		98
77) Pyrene	19.89	202	426515	44.21	ng		96
79) Butylbenzylphthalate	20.77	149	164170	43.42	ng		99
80) Benzo(a)anthracene	21.74	228	431345	42.97	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	86905	22.73	ng	#	95
82) Chrysene	21.81	228	386188	40.52	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	237974	42.89	ng		95
84) Di-n-octyl phthalate	22.87	149	411096	45.57	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	467856	44.57	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	419916	42.57	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	399120	40.86	ng	#	96
89) Benzo(a)pyrene	24.88	252	401678	42.90	ng	#	97
90) Dibenzo(a,h)anthracene	28.86	278	391489	42.32	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	380998	41.94	ng	#	93

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

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