Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019946.D
Acq On : 5 Dec 2015 17:39
Operator : UM/NP
Sample : PB87054BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:40 PM

Quant Time: Dec 07 02:26:40 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	51667	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	223019	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	159312	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	410857	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	508985	20.00	ng		-0.03
86) Perylene-d12	25.04	264	483885	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	235589	82.41	ng		-0.01
7) Phenol-d6	7.26	99	342632	79.38	ng		-0.01
23) Nitrobenzene-d5	9.28	82	218567	50.02	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	175250	71.89	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	527766	45.23	ng		-0.02
78) Terphenyl-d14	20.09	244	956238	45.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24263	21.79	ng	#	100
3) Pyridine	3.92	79	78110	23.09	ng	#	85
4) n-Nitrosodimethylamine	3.84	42	38597	21.70	ng		95
6) Aniline	7.43	93	80418	14.39	ng	#	82
8) 2-Chlorophenol	7.67	128	90754	26.03	ng		95
9) Benzaldehyde	7.24	77	31064m	10.79	ng		
10) Phenol	7.29	94	123282	27.14	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	82987	24.67	ng		91
12) 1,3-Dichlorobenzene	8.00	146	91609	23.19	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	93928m	23.02	ng		
14) 1,2-Dichlorobenzene	8.47	146	91045	23.39	ng		95
15) Benzyl Alcohol	8.35	79	95889	25.32	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	127271	23.20	ng		92
17) 2-Methylphenol	8.55	107	84111	26.23	ng	#	92
18) Hexachloroethane	9.21	117	34617	22.66	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	76236	22.40	ng		90
20) 3+4-Methylphenols	8.88	107	119369	26.43	ng		94
22) Acetophenone	8.94	105	137850	22.55	ng	#	92
24) Nitrobenzene	9.32	77	117389	24.76	ng		91
25) Isophorone	9.85	82	209169	22.33	ng	#	96
26) 2-Nitrophenol	10.04	139	50358	27.51	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	97203	25.50	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	119632	26.13	ng		98
29) 2,4-Dichlorophenol	10.57	162	105551	27.10	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	100027	22.72	ng		99
31) Naphthalene	10.99	128	281943	23.60	ng		99
32) Benzoic acid	10.21	122	71056	30.20	ng		88
33) 4-Chloroaniline	11.09	127	44359	8.43	ng	#	91
34) Hexachlorobutadiene	11.27	225	68957	21.24	ng		96
35) Caprolactam	11.86	113	36813m	25.39	ng		
36) 4-Chloro-3-methylphenol	12.19	107	120839	24.91	ng		93
37) 2-Methylnaphthalene	12.58	142	216139	24.69	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	133031	22.00	ng		98
40) Hexachlorocyclopentadiene	12.93	237	154786	44.90	ng		94

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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	95237	23.79	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	108247	25.59	ng		94
45) 1,1'-Biphenyl	13.58	154	286743	21.93	ng		98
46) 2-Chloronaphthalene	13.63	162	233213	23.14	ng		95
47) 2-Nitroaniline	13.83	65	87796	27.58	ng		87
48) Acenaphthylene	14.47	152	392630	22.87	ng		99
49) Dimethylphthalate	14.20	163	324826	22.67	ng		98
50) 2,6-Dinitrotoluene	14.31	165	71259	26.45	ng	#	76
51) Acenaphthene	14.81	154	275295m	26.43	ng		
52) 3-Nitroaniline	14.64	138	47655	17.02	ng		93
53) 2,4-Dinitrophenol	14.85	184	74558	55.24	ng		89
54) Dibenzofuran	15.14	168	391826	25.29	ng		92
55) 4-Nitrophenol	14.94	139	126257	51.79	ng	#	71
56) 2,4-Dinitrotoluene	15.09	165	106190	28.25	ng	#	90
57) Fluorene	15.79	166	321848	23.21	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	106269	27.14	ng		98
59) Diethylphthalate	15.55	149	342545	22.09	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	176265	22.13	ng		98
61) 4-Nitroaniline	15.81	138	80657	25.62	ng	#	80
62) Azobenzene	16.07	77	325494	25.22	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	60322	28.92	ng		95
65) n-Nitrosodiphenylamine	15.99	169	294136	24.74	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	116878	22.89	ng		97
67) Hexachlorobenzene	16.79	284	128545	24.17	ng		99
68) Atrazine	16.93	200	126576	24.50	ng		97
69) Pentachlorophenol	17.13	266	165775	53.41	ng		94
70) Phenanthrene	17.53	178	561462	24.15	ng		98
71) Anthracene	17.62	178	570613	24.10	ng		96
72) Carbazole	17.88	167	507806	24.35	ng		97
73) Di-n-butylphthalate	18.44	149	615409	24.07	ng		99
74) Fluoranthene	19.53	202	710697	23.90	ng		96
76) Benzidine	19.71	184	186187	11.14	ng		98
77) Pyrene	19.89	202	723568	24.16	ng		96
79) Butylbenzylphthalate	20.77	149	287065	24.46	ng		98
80) Benzo(a)anthracene	21.74	228	742856	23.84	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	152614	12.86	ng		99
82) Chrysene	21.81	228	668672	22.60	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	413632	24.01	ng		98
84) Di-n-octyl phthalate	22.88	149	704418	25.15	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	826483	25.36	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	728826	23.77	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	697954	22.98	ng	#	96
89) Benzo(a)pyrene	24.89	252	695534	23.89	ng	#	96
90) Dibenzo(a,h)anthracene	28.86	278	682431	23.72	ng	#	95
91) Benzo(g,h,i)perylene	29.97	276	674560	23.88	ng	#	92

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

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