Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025483.D
Acq On : 12 Jan 2017 15:35
Operator : UM/SJ
Sample : PB95940BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95940BSD

Manual Integrations APPROVED
sohil
1/13/2017 3:06:36 PM

Quant Time: Jan 13 01:04:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	59042	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	239927	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	189993	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	449809	20.00	ng		0.00
75) Chrysene-d12	21.86	240	610854	20.00	ng		0.00
86) Perylene-d12	25.27	264	672770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	525430	161.76	ng		0.00
7) Phenol-d6	7.36	99	755622	165.17	ng		0.00
23) Nitrobenzene-d5	9.38	82	547736	100.85	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	461600	150.91	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1183860	100.88	ng		0.00
78) Terphenyl-d14	20.15	244	2213843	96.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	54678	39.45	ng		96
3) Pyridine	3.99	79	164549	40.96	ng		95
4) n-Nitrosodimethylamine	3.91	42	109823	46.05	ng	#	95
6) Aniline	7.53	93	141838	22.88	ng		96
8) 2-Chlorophenol	7.76	128	183659	50.12	ng		96
9) Benzaldehyde	7.36	77	17483	5.22	ng	#	60
10) Phenol	7.39	94	265876	52.43	ng		95
11) bis(2-Chloroethyl)ether	7.62	93	182545	46.71	ng		96
12) 1,3-Dichlorobenzene	8.09	146	202919	45.76	ng		99
13) 1,4-Dichlorobenzene	8.23	146	207100	45.07	ng		98
14) 1,2-Dichlorobenzene	8.56	146	194459	44.34	ng		91
15) Benzyl Alcohol	8.45	79	206225	47.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	330372	45.65	ng		92
17) 2-Methylphenol	8.65	107	165257	49.62	ng		89
18) Hexachloroethane	9.28	117	83450	47.28	ng		87
19) n-Nitroso-di-n-propylamine	9.00	70	176899	45.78	ng		96
20) 3+4-Methylphenols	8.99	107	241758	52.45	ng		96
22) Acetophenone	9.03	105	305220	45.79	ng	#	96
24) Nitrobenzene	9.43	77	276518	46.42	ng		93
25) Isophorone	9.94	82	497366	50.58	ng		98
26) 2-Nitrophenol	10.14	139	111915	49.12	ng		95
27) 2,4-Dimethylphenol	10.19	122	202357	54.03	ng		100
28) bis(2-Chloroethoxy)methane	10.42	93	262020	51.31	ng		94
29) 2,4-Dichlorophenol	10.68	162	216240	53.95	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	222157	45.88	ng		97
31) Naphthalene	11.08	128	560231	46.76	ng		98
32) Benzoic acid	10.34	122	120992	40.17	ng		91
33) 4-Chloroaniline	11.21	127	44864	8.90	ng	#	89
34) Hexachlorobutadiene	11.34	225	180524	45.67	ng		96
35) Caprolactam	11.98	113	72734m	48.30	ng		
36) 4-Chloro-3-methylphenol	12.31	107	252374	51.01	ng		97
37) 2-Methylnaphthalene	12.67	142	428756	48.29	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	303828	48.44	ng	#	97
40) Hexachlorocyclopentadiene	12.99	237	286911	120.41	ng		94

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Quant Time: Jan 13 01:04:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	197668	50.05	ng		99
43) 2,4,5-Trichlorophenol	13.36	196	208764	50.50	ng		97
45) 1,1'-Biphenyl	13.66	154	625502	48.95	ng		94
46) 2-Chloronaphthalene	13.72	162	484619	48.54	ng		99
47) 2-Nitroaniline	13.93	65	210637	49.98	ng		96
48) Acenaphthylene	14.56	152	740208	47.84	ng		97
49) Dimethylphthalate	14.27	163	680629	49.14	ng		97
50) 2,6-Dinitrotoluene	14.41	165	158150	52.27	ng		95
51) Acenaphthene	14.89	154	481861	47.61	ng		98
52) 3-Nitroaniline	14.76	138	51312	17.64	ng		84
53) 2,4-Dinitrophenol	14.97	184	195523	97.36	ng	#	83
54) Dibenzofuran	15.23	168	804860	50.30	ng		98
55) 4-Nitrophenol	15.07	139	221132	101.78	ng		92
56) 2,4-Dinitrotoluene	15.21	165	222936	50.60	ng	#	89
57) Fluorene	15.87	166	640277	47.80	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	225880	51.00	ng		93
59) Diethylphthalate	15.62	149	721043	49.64	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	369310	48.65	ng		98
61) 4-Nitroaniline	15.92	138	131264	44.84	ng		90
62) Azobenzene	16.15	77	753900	53.82	ng		99
64) 4,6-Dinitro-2-methylphenol	15.97	198	153655	49.33	ng		88
65) n-Nitrosodiphenylamine	16.07	169	608752	50.07	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	279987	50.45	ng		98
67) Hexachlorobenzene	16.88	284	302948	47.57	ng	#	88
68) Atrazine	17.01	200	277179	52.03	ng		98
69) Pentachlorophenol	17.23	266	309804	93.84	ng		96
70) Phenanthrene	17.62	178	1129050	48.71	ng		96
71) Anthracene	17.71	178	1158234	49.18	ng		98
72) Carbazole	17.99	167	1039125	49.32	ng		95
73) Di-n-butylphthalate	18.50	149	1244704	48.02	ng		97
74) Fluoranthene	19.61	202	1495846	48.86	ng		94
76) Benzidine	19.80	184	457237	30.01	ng		96
77) Pyrene	19.98	202	1521725	47.66	ng		98
79) Butylbenzylphthalate	20.82	149	631992	49.30	ng		99
80) Benzo(a)anthracene	21.84	228	1662894	48.81	ng		96
81) 3,3'-Dichlorobenzidine	21.75	252	378271	28.58	ng	#	98
82) Chrysene	21.91	228	1532143	46.89	ng		95
83) Bis(2-ethylhexyl)phthalate	21.68	149	886523	49.70	ng		99
84) Di-n-octyl phthalate	22.94	149	1530077	51.66	ng		96
85) Indeno(1,2,3-cd)pyrene	29.19	276	2157733	51.95	ng		99
87) Benzo(b)fluoranthene	24.18	252	1750187	47.68	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	1690525	47.69	ng	#	94
89) Benzo(a)pyrene	25.11	252	1695106	47.81	ng		98
90) Dibenzo(a,h)anthracene	29.23	278	1817572	48.37	ng	#	98
91) Benzo(g,h,i)perylene	30.42	276	1772927	47.48	ng		96

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

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