Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025937.D
Acq On : 24 Feb 2017 18:19
Operator : SJ/MA
Sample : PB97155BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97155BSD

Manual Integrations APPROVED
mohammad
2/27/2017 1:06:55 PM

Quant Time: Feb 24 22:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	91560	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	456366	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	312676	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	777606	20.00	ng		0.00
75) Chrysene-d12	21.67	240	792335	20.00	ng		0.00
86) Perylene-d12	24.87	264	767902	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	777481	147.84	ng		0.00
7) Phenol-d6	7.24	99	1127895	144.93	ng		0.00
23) Nitrobenzene-d5	9.24	82	616732	85.28	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	515138	178.32	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1730885	96.73	ng		0.00
78) Terphenyl-d14	20.01	244	2427318	74.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	73928	30.76	ng	#	89
3) Pyridine	3.94	79	219246	30.61	ng	#	78
4) n-Nitrosodimethylamine	3.85	42	96001	37.27	ng	#	31
6) Aniline	7.40	93	299562	27.69	ng	#	91
8) 2-Chlorophenol	7.65	128	288152	46.10	ng		87
9) Benzaldehyde	7.22	77	99420	21.56	ng	#	77
10) Phenol	7.27	94	391908	46.34	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	253923	36.53	ng		87
12) 1,3-Dichlorobenzene	7.97	146	272047	37.65	ng	#	88
13) 1,4-Dichlorobenzene	8.12	146	277802	37.96	ng		95
14) 1,2-Dichlorobenzene	8.44	146	265895	37.00	ng		93
15) Benzyl Alcohol	8.31	79	267217	46.89	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	353568	35.05	ng		92
17) 2-Methylphenol	8.51	107	277624	45.57	ng	#	82
18) Hexachloroethane	9.17	117	91352	37.66	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	229911	40.45	ng	#	81
20) 3+4-Methylphenols	8.84	107	397333	45.78	ng		88
22) Acetophenone	8.90	105	429985	39.26	ng	#	80
24) Nitrobenzene	9.28	77	312176	39.92	ng	#	80
25) Isophorone	9.81	82	663673	41.70	ng	#	90
26) 2-Nitrophenol	9.99	139	166878	45.63	ng	#	71
27) 2,4-Dimethylphenol	10.05	122	331360	48.55	ng		89
28) bis(2-Chloroethoxy)methane	10.28	93	407936	40.45	ng		99
29) 2,4-Dichlorophenol	10.53	162	329117	50.52	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	281139	39.68	ng		98
31) Naphthalene	10.93	128	920874	39.03	ng		100
32) Benzoic acid	10.18	122	266317	51.11	ng	#	77
33) 4-Chloroaniline	11.03	127	157351	15.35	ng	#	85
34) Hexachlorobutadiene	11.22	225	156965	38.94	ng		99
35) Caprolactam	11.80	113	148927m	56.61	ng		
36) 4-Chloro-3-methylphenol	12.14	107	394004	50.55	ng	#	84
37) 2-Methylnaphthalene	12.53	142	758571	42.21	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	341895	43.63	ng		98
40) Hexachlorocyclopentadiene	12.88	237	409060	95.39	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025937.D
Acq On : 24 Feb 2017 18:19
Operator : SJ/MA
Sample : PB97155BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97155BSD

Manual Integrations APPROVED
mohammad
2/27/2017 1:06:55 PM

Quant Time: Feb 24 22:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	282691	55.85	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	305024	53.09	ng	#	94
45) 1,1'-Biphenyl	13.53	154	1024565	45.22	ng		99
46) 2-Chloronaphthalene	13.57	162	748250	45.68	ng		98
47) 2-Nitroaniline	13.76	65	269578	51.89	ng	#	75
48) Acenaphthylene	14.41	152	1328990	45.56	ng		99
49) Dimethylphthalate	14.14	163	1074451	50.09	ng		98
50) 2,6-Dinitrotoluene	14.25	165	244606	50.76	ng	#	67
51) Acenaphthene	14.75	154	863884	44.85	ng		98
52) 3-Nitroaniline	14.58	138	135648	25.17	ng	#	77
53) 2,4-Dinitrophenol	14.79	184	296667	117.65	ng	#	85
54) Dibenzofuran	15.08	168	1285495	50.06	ng		92
55) 4-Nitrophenol	14.88	139	482393	109.97	ng	#	47
56) 2,4-Dinitrotoluene	15.04	165	346764	53.49	ng	#	80
57) Fluorene	15.73	166	1082060	47.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	297180	58.63	ng		98
59) Diethylphthalate	15.49	149	1123438	50.63	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	507012	47.68	ng		92
61) 4-Nitroaniline	15.73	138	283534	50.75	ng	#	55
62) Azobenzene	16.00	77	1006815	52.79	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	198416	43.60	ng		92
65) n-Nitrosodiphenylamine	15.93	169	985332	41.78	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	344218	42.23	ng		97
67) Hexachlorobenzene	16.73	284	352129	41.92	ng		95
68) Atrazine	16.87	200	367729	44.06	ng		98
69) Pentachlorophenol	17.07	266	474596	91.59	ng		99
70) Phenanthrene	17.46	178	1735775	41.12	ng		97
71) Anthracene	17.55	178	1792390	41.65	ng		99
72) Carbazole	17.81	167	1664997	38.51	ng		97
73) Di-n-butylphthalate	18.37	149	1922967	45.31	ng	#	94
74) Fluoranthene	19.46	202	1925501	41.43	ng		95
76) Benzidine	19.62	184	727462	29.08	ng		98
77) Pyrene	19.82	202	1943449	38.78	ng		98
79) Butylbenzylphthalate	20.69	149	857630	45.10	ng		87
80) Benzo(a)anthracene	21.65	228	1856052	40.12	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	413287	25.06	ng	#	96
82) Chrysene	21.72	228	1713147	38.51	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	1219098	44.40	ng		98
84) Di-n-octyl phthalate	22.76	149	2106087	46.44	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2222919	42.43	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	1878448	40.84	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	1854899	41.34	ng	#	94
89) Benzo(a)pyrene	24.72	252	1847644	42.43	ng	#	94
90) Dibenzo(a,h)anthracene	28.60	278	1843049	42.13	ng	#	92
91) Benzo(g,h,i)perylene	29.68	276	1846423	42.09	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025937.D
Acq On : 24 Feb 2017 18:19
Operator : SJ/MA
Sample : PB97155BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 24 22:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB97155BSD

Manual Integrations APPROVED
mohammad
2/27/2017 1:06:55 PM