Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025538.D
Acq On : 20 Jan 2017 14:39
Operator : UM/SJ
Sample : PB96135BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB96135BSD

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:31 PM

Quant Time: Jan 21 00:27:11 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	8.18	152	63112	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	261692	20.00	ng		-0.03
38) Acenaphthene-d10	14.81	164	214181	20.00	ng		-0.01
63) Phenanthrene-d10	17.55	188	498370	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	736481	20.00	ng		-0.02
86) Perylene-d12	25.22	264	774931	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	482385	138.93	ng		-0.02
7) Phenol-d6	7.34	99	696596	142.45	ng		-0.02
23) Nitrobenzene-d5	9.36	82	509550	86.02	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	425844	123.50	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1088480	82.28	ng		-0.02
78) Terphenyl-d14	20.13	244	2173742	78.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	47771	32.25	ng		94
3) Pyridine	3.96	79	145100	33.79	ng		95
4) n-Nitrosodimethylamine	3.88	42	106065	41.61	ng	#	90
6) Aniline	7.50	93	150361	22.69	ng		91
8) 2-Chlorophenol	7.74	128	168452	43.01	ng		91
9) Benzaldehyde	7.32	77	155726	43.52	ng		95
10) Phenol	7.37	94	249089	45.95	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	165474	39.61	ng		94
12) 1,3-Dichlorobenzene	8.06	146	183331	38.68	ng		98
13) 1,4-Dichlorobenzene	8.21	146	189713	38.62	ng		99
14) 1,2-Dichlorobenzene	8.54	146	180103	38.42	ng		94
15) Benzyl Alcohol	8.42	79	203326	43.55	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.71	45	322465	41.69	ng		96
17) 2-Methylphenol	8.63	107	163410	45.90	ng		98
18) Hexachloroethane	9.26	117	73691	39.06	ng		91
19) n-Nitroso-di-n-propylamine	8.98	70	171967	41.63	ng		98
20) 3+4-Methylphenols	8.97	107	222405	45.14	ng		98
22) Acetophenone	9.01	105	299966	41.26	ng	#	92
24) Nitrobenzene	9.41	77	261839	40.30	ng		98
25) Isophorone	9.92	82	457792	42.68	ng	#	95
26) 2-Nitrophenol	10.12	139	100046	40.26	ng	#	84
27) 2,4-Dimethylphenol	10.17	122	188655	46.18	ng		92
28) bis(2-Chloroethoxy)methane	10.39	93	249965	44.88	ng		96
29) 2,4-Dichlorophenol	10.66	162	203760	46.61	ng		96
30) 1,2,4-Trichlorobenzene	10.86	180	207410	39.27	ng		91
31) Naphthalene	11.06	128	523474	40.06	ng		97
32) Benzoic acid	10.32	122	109654	33.38	ng		97
33) 4-Chloroaniline	11.19	127	65770	11.97	ng	#	96
34) Hexachlorobutadiene	11.32	225	168100	38.99	ng		93
35) Caprolactam	11.96	113	69415m	42.26	ng		
36) 4-Chloro-3-methylphenol	12.29	107	232983	43.18	ng		97
37) 2-Methylnaphthalene	12.65	142	409223	42.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	298622	42.23	ng		97
40) Hexachlorocyclopentadiene	12.97	237	267565	101.08	ng		98

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
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	13.26	196	184129	41.35	ng		92
43) 2,4,5-Trichlorophenol	13.34	196	194346	41.70	ng		97
45) 1,1'-Biphenyl	13.64	154	605950	42.06	ng		98
46) 2-Chloronaphthalene	13.69	162	461769	41.03	ng		97
47) 2-Nitroaniline	13.91	65	196684	41.40	ng		93
48) Acenaphthylene	14.54	152	711462	40.79	ng		96
49) Dimethylphthalate	14.25	163	633475	40.57	ng		100
50) 2,6-Dinitrotoluene	14.39	165	138656	40.65	ng		99
51) Acenaphthene	14.88	154	455358	39.91	ng		97
52) 3-Nitroaniline	14.74	138	53511	16.32	ng	#	97
53) 2,4-Dinitrophenol	14.95	184	162250	73.01	ng	#	88
54) Dibenzofuran	15.20	168	752613	41.73	ng		100
55) 4-Nitrophenol	15.05	139	202422	82.65	ng		94
56) 2,4-Dinitrotoluene	15.19	165	212376	42.76	ng	#	92
57) Fluorene	15.85	166	610655	40.44	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	207661	41.59	ng	#	93
59) Diethylphthalate	15.60	149	667499	40.77	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	340614	39.80	ng		98
61) 4-Nitroaniline	15.90	138	118211	35.82	ng	#	82
62) Azobenzene	16.13	77	729281	46.18	ng		96
64) 4,6-Dinitro-2-methylphenol	15.96	198	145995	42.30	ng		91
65) n-Nitrosodiphenylamine	16.06	169	576286	42.78	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	251454	40.90	ng		96
67) Hexachlorobenzene	16.86	284	291603	41.33	ng		92
68) Atrazine	16.99	200	262939	44.55	ng		99
69) Pentachlorophenol	17.21	266	285562	78.07	ng		97
70) Phenanthrene	17.60	178	1066642	41.53	ng		95
71) Anthracene	17.69	178	1090895	41.81	ng		99
72) Carbazole	17.97	167	982436	42.09	ng		97
73) Di-n-butylphthalate	18.48	149	1209882	42.13	ng		98
74) Fluoranthene	19.60	202	1455425	42.90	ng		95
76) Benzidine	19.78	184	532619	28.99	ng		96
77) Pyrene	19.96	202	1501537	39.01	ng		98
79) Butylbenzylphthalate	20.81	149	643050	41.61	ng		98
80) Benzo(a)anthracene	21.82	228	1678119	40.85	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	310569	19.47	ng		97
82) Chrysene	21.89	228	1543319	39.18	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	920785	42.81	ng		99
84) Di-n-octyl phthalate	22.91	149	1568147	43.92	ng		97
85) Indeno(1,2,3-cd)pyrene	29.14	276	2157184	43.08	ng		100
87) Benzo(b)fluoranthene	24.14	252	1764605	41.73	ng		99
88) Benzo(k)fluoranthene	24.21	252	1710602	41.89	ng		95
89) Benzo(a)pyrene	25.07	252	1733531	42.45	ng		98
90) Dibenzo(a,h)anthracene	29.18	278	1808792	41.79	ng	#	98
91) Benzo(g,h,i)perylene	30.36	276	1789322	41.60	ng		99

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

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