Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025537.D
Acq On : 20 Jan 2017 13:59
Operator : UM/SJ
Sample : PB96135BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96135BS

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:28 PM

Quant Time: Jan 21 00:26:04 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	54761	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	235574	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	199249	20.00	ng		-0.01
63) Phenanthrene-d10	17.56	188	456117	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	641300	20.00	ng		-0.02
86) Perylene-d12	25.23	264	709423	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	449595	149.23	ng		-0.02
7) Phenol-d6	7.34	99	653242	153.96	ng		-0.02
23) Nitrobenzene-d5	9.36	82	495870	92.99	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	425796	132.74	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1080269	87.78	ng		-0.02
78) Terphenyl-d14	20.13	244	2135386	88.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	44665	34.75	ng		89
3) Pyridine	3.97	79	136193	36.55	ng		95
4) n-Nitrosodimethylamine	3.88	42	109918	49.70	ng	#	99
6) Aniline	7.50	93	193579	33.67	ng		96
8) 2-Chlorophenol	7.74	128	163295	48.05	ng		90
9) Benzaldehyde	7.32	77	161305	51.96	ng		99
10) Phenol	7.37	94	240996	51.24	ng		92
11) bis(2-Chloroethyl)ether	7.59	93	165326	45.61	ng		91
12) 1,3-Dichlorobenzene	8.07	146	185647	45.14	ng		99
13) 1,4-Dichlorobenzene	8.21	146	190379	44.67	ng		96
14) 1,2-Dichlorobenzene	8.54	146	181711	44.67	ng		95
15) Benzyl Alcohol	8.42	79	207534	51.23	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	331539	49.40	ng		98
17) 2-Methylphenol	8.63	107	171559	55.54	ng		97
18) Hexachloroethane	9.27	117	76648	46.82	ng		94
19) n-Nitroso-di-n-propylamine	8.98	70	189474	52.87	ng		98
20) 3+4-Methylphenols	8.96	107	220295	51.53	ng		97
22) Acetophenone	9.01	105	305371	46.66	ng	#	95
24) Nitrobenzene	9.41	77	278344	47.59	ng		94
25) Isophorone	9.92	82	485193	50.25	ng		98
26) 2-Nitrophenol	10.12	139	98350	43.97	ng		94
27) 2,4-Dimethylphenol	10.16	122	184366	50.13	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	261756	52.20	ng		97
29) 2,4-Dichlorophenol	10.66	162	208563	52.99	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	215153	45.25	ng		99
31) Naphthalene	11.06	128	534323	45.42	ng		98
32) Benzoic acid	10.33	122	117189	39.62	ng	#	83
33) 4-Chloroaniline	11.18	127	90298	18.25	ng	#	89
34) Hexachlorobutadiene	11.31	225	175289	45.17	ng		91
35) Caprolactam	11.96	113	77145m	52.17	ng		
36) 4-Chloro-3-methylphenol	12.29	107	243295	50.09	ng		97
37) 2-Methylnaphthalene	12.65	142	436078	50.02	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	308844	46.95	ng		97
40) Hexachlorocyclopentadiene	12.97	237	280363	112.78	ng		90

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Quant Time: Jan 21 00:26:04 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	13.25	196	193243	46.65	ng		98
43) 2,4,5-Trichlorophenol	13.34	196	204331	47.13	ng	#	92
45) 1,1'-Biphenyl	13.64	154	645253	48.15	ng		96
46) 2-Chloronaphthalene	13.70	162	488987	46.70	ng		98
47) 2-Nitroaniline	13.91	65	209725	47.46	ng		94
48) Acenaphthylene	14.54	152	749622	46.19	ng		97
49) Dimethylphthalate	14.25	163	674467	46.43	ng		97
50) 2,6-Dinitrotoluene	14.39	165	148858	46.91	ng		92
51) Acenaphthene	14.87	154	487445	45.92	ng		95
52) 3-Nitroaniline	14.74	138	65827	21.58	ng		91
53) 2,4-Dinitrophenol	14.96	184	166057	79.81	ng		91
54) Dibenzofuran	15.21	168	802134	47.80	ng		99
55) 4-Nitrophenol	15.05	139	217545	95.48	ng		95
56) 2,4-Dinitrotoluene	15.19	165	228259	49.40	ng	#	94
57) Fluorene	15.85	166	654132	46.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	219475	47.26	ng		96
59) Diethylphthalate	15.60	149	712614	46.78	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	359070	45.10	ng		98
61) 4-Nitroaniline	15.90	138	129179	42.08	ng	#	83
62) Azobenzene	16.13	77	766566	52.18	ng		97
64) 4,6-Dinitro-2-methylphenol	15.96	198	156263	49.47	ng		91
65) n-Nitrosodiphenylamine	16.06	169	597013	48.42	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	275755	49.00	ng		92
67) Hexachlorobenzene	16.86	284	301174	46.64	ng	#	90
68) Atrazine	16.99	200	278637	51.58	ng		98
69) Pentachlorophenol	17.21	266	312429	93.33	ng		94
70) Phenanthrene	17.60	178	1138278	48.43	ng		97
71) Anthracene	17.69	178	1172580	49.10	ng		99
72) Carbazole	17.97	167	1044568	48.90	ng		95
73) Di-n-butylphthalate	18.48	149	1264671	48.12	ng		97
74) Fluoranthene	19.60	202	1524716	49.11	ng		94
76) Benzidine	19.78	184	614770	38.43	ng		97
77) Pyrene	19.96	202	1562439	46.62	ng		98
79) Butylbenzylphthalate	20.81	149	658150	48.91	ng		98
80) Benzo(a)anthracene	21.82	228	1754456	49.05	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	363558	26.17	ng	#	99
82) Chrysene	21.89	228	1591792	46.41	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	939444	50.16	ng		99
84) Di-n-octyl phthalate	22.91	149	1655055	53.23	ng		97
85) Indeno(1,2,3-cd)pyrene	29.14	276	2286325	52.43	ng	#	80
87) Benzo(b)fluoranthene	24.14	252	1838179	47.49	ng		100
88) Benzo(k)fluoranthene	24.22	252	1826315	48.86	ng		97
89) Benzo(a)pyrene	25.08	252	1803452	48.24	ng	#	95
90) Dibenzo(a,h)anthracene	29.18	278	1900010	47.95	ng	#	97
91) Benzo(g,h,i)perylene	30.36	276	1909910	48.51	ng		99

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

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