Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025954.D
Acq On : 25 Feb 2017 5:39
Operator : SJ/MA
Sample : PB97153BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97153BSD

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:10 PM

Quant Time: Feb 26 23:44:30 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	82052	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	404373	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	293065	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	757715	20.00	ng		0.00
75) Chrysene-d12	21.66	240	773752	20.00	ng		-0.01
86) Perylene-d12	24.87	264	756468	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	479910	101.83	ng		0.00
7) Phenol-d6	7.23	99	696348	99.85	ng		0.00
23) Nitrobenzene-d5	9.24	82	557983	87.08	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	337278	124.57	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1600021	95.40	ng		0.00
78) Terphenyl-d14	20.01	244	2371289	74.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	66787	31.01	ng	#	85
3) Pyridine	3.94	79	197750	30.81	ng	#	79
4) n-Nitrosodimethylamine	3.84	42	85921	37.22	ng	#	43
6) Aniline	7.40	93	225113	23.22	ng	#	90
8) 2-Chlorophenol	7.64	128	264976	47.31	ng		86
9) Benzaldehyde	7.21	77	86218	20.86	ng	#	73
10) Phenol	7.26	94	363136	47.92	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	227421	36.51	ng		90
12) 1,3-Dichlorobenzene	7.97	146	248434	38.37	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	251143	38.29	ng		94
14) 1,2-Dichlorobenzene	8.44	146	248645	38.61	ng		89
15) Benzyl Alcohol	8.31	79	240840	47.16	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311889	34.50	ng		90
17) 2-Methylphenol	8.51	107	253764	46.48	ng	#	82
18) Hexachloroethane	9.17	117	83236	38.29	ng		87
19) n-Nitroso-di-n-propylamine	8.88	70	201479	39.55	ng	#	80
20) 3+4-Methylphenols	8.84	107	365557	47.00	ng		86
22) Acetophenone	8.90	105	391935	40.39	ng	#	79
24) Nitrobenzene	9.28	77	282153	40.72	ng	#	80
25) Isophorone	9.80	82	590008	41.84	ng	#	92
26) 2-Nitrophenol	9.99	139	153792	47.46	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	296687	49.06	ng		89
28) bis(2-Chloroethoxy)methane	10.28	93	362163	40.53	ng		99
29) 2,4-Dichlorophenol	10.52	162	302808	52.46	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	256278	40.83	ng		98
31) Naphthalene	10.93	128	838586	40.11	ng		99
32) Benzoic acid	10.16	122	249645	54.07	ng	#	75
33) 4-Chloroaniline	11.03	127	125142	13.78	ng	#	84
34) Hexachlorobutadiene	11.22	225	138995	38.91	ng		97
35) Caprolactam	11.79	113	138866m	59.58	ng		
36) 4-Chloro-3-methylphenol	12.14	107	363323	52.61	ng	#	81
37) 2-Methylnaphthalene	12.53	142	701269	44.04	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	313893	42.73	ng		98
40) Hexachlorocyclopentadiene	12.87	237	351497	87.45	ng		93

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	264292	55.71	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	288962	53.66	ng	#	94
45) 1,1'-Biphenyl	13.53	154	957727	45.10	ng		98
46) 2-Chloronaphthalene	13.57	162	694879	45.26	ng		99
47) 2-Nitroaniline	13.76	65	255913	52.55	ng	#	69
48) Acenaphthylene	14.41	152	1247913	45.65	ng		99
49) Dimethylphthalate	14.13	163	1012329	50.35	ng		98
50) 2,6-Dinitrotoluene	14.25	165	239723	53.08	ng	#	68
51) Acenaphthene	14.75	154	834268	46.21	ng		99
52) 3-Nitroaniline	14.57	138	119849	23.72	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	293071	124.01	ng	#	85
54) Dibenzofuran	15.08	168	1229773	51.09	ng	#	89
55) 4-Nitrophenol	14.88	139	468291	113.90	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	346341	57.00	ng	#	77
57) Fluorene	15.72	166	1036749	48.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	290334	61.11	ng		99
59) Diethylphthalate	15.49	149	1072488	51.57	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	485351	48.70	ng		94
61) 4-Nitroaniline	15.73	138	274112	52.34	ng	#	56
62) Azobenzene	16.01	77	957294	53.55	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	205543	46.35	ng		91
65) n-Nitrosodiphenylamine	15.92	169	957837	41.68	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	331364	41.72	ng		96
67) Hexachlorobenzene	16.73	284	342708	41.87	ng		94
68) Atrazine	16.86	200	355993	43.77	ng		97
69) Pentachlorophenol	17.07	266	455910	90.30	ng		98
70) Phenanthrene	17.46	178	1678640	40.81	ng		98
71) Anthracene	17.54	178	1736886	41.42	ng		99
72) Carbazole	17.81	167	1634461	38.80	ng		97
73) Di-n-butylphthalate	18.37	149	1896910	45.87	ng	#	94
74) Fluoranthene	19.45	202	1885648	41.64	ng		96
76) Benzidine	19.62	184	478056	19.57	ng		98
77) Pyrene	19.81	202	1913147	39.10	ng		99
79) Butylbenzylphthalate	20.69	149	851666	45.86	ng		86
80) Benzo(a)anthracene	21.65	228	1831050	40.53	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	392671	24.38	ng	#	98
82) Chrysene	21.71	228	1678292	38.63	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1203461	44.88	ng		97
84) Di-n-octyl phthalate	22.75	149	2065072	46.63	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2198774	42.97	ng	#	88
87) Benzo(b)fluoranthene	23.85	252	1864496	41.15	ng	#	97
88) Benzo(k)fluoranthene	23.92	252	1832012	41.44	ng	#	93
89) Benzo(a)pyrene	24.72	252	1820122	42.43	ng	#	95
90) Dibenzo(a,h)anthracene	28.58	278	1811767	42.04	ng	#	91
91) Benzo(g,h,i)perylene	29.67	276	1815740	42.02	ng	#	90

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

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