Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018032.D
Acq On : 21 Jul 2015 21:10
Operator : TP/UM
Sample : PB84580BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB84580BS

Quant Time: Jul 22 04:02:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 03:55:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	57715	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	248921	20.00	ng		-0.02
38) Acenaphthene-d10	14.21	164	161674	20.00	ng		-0.02
63) Phenanthrene-d10	16.96	188	416260	20.00	ng		-0.02
75) Chrysene-d12	21.17	240	560419	20.00	ng		-0.02
86) Perylene-d12	23.37	264	474629	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	322429	97.46	ng		-0.02
7) Phenol-d6	6.74	99	420475	97.01	ng		-0.01
23) Nitrobenzene-d5	8.70	82	233929	60.87	ng		-0.02
41) 2,4,6-Tribromophenol	15.71	330	215689	131.68	ng		-0.02
44) 2-Fluorobiphenyl	12.83	172	629774	67.50	ng		-0.02
78) Terphenyl-d14	19.61	244	1295254	58.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	31258	21.49	ng	#	86
3) Pyridine	3.47	79	89803	23.11	ng	#	87
4) n-Nitrosodimethylamine	3.40	42	31738	21.51	ng	#	56
6) Aniline	6.88	93	109798	19.00	ng		92
8) 2-Chlorophenol	7.12	128	130125	33.36	ng		96
9) Benzaldehyde	6.69	77	31506	11.86	ng		85
10) Phenol	6.76	94	146711	31.71	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	100035	27.64	ng		88
12) 1,3-Dichlorobenzene	7.43	146	127678m	29.81	ng		
13) 1,4-Dichlorobenzene	7.58	146	132670	30.22	ng		96
14) 1,2-Dichlorobenzene	7.90	146	125114	29.83	ng		99
15) Benzyl Alcohol	7.79	79	99277	30.96	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.09	45	105546	24.21	ng		90
17) 2-Methylphenol	8.00	107	104490	32.40	ng		94
18) Hexachloroethane	8.62	117	46113	27.81	ng		92
19) n-Nitroso-di-n-propylamine	8.36	70	78459	24.79	ng	#	83
20) 3+4-Methylphenols	8.33	107	142313	32.60	ng		97
22) Acetophenone	8.37	105	154318	28.70	ng	#	91
24) Nitrobenzene	8.74	77	118097	28.84	ng	#	86
25) Isophorone	9.27	82	233218	28.93	ng		96
26) 2-Nitrophenol	9.45	139	73700	37.72	ng	#	86
27) 2,4-Dimethylphenol	9.52	122	124670	35.08	ng		95
28) bis(2-Chloroethoxy)methane	9.76	93	132717	29.55	ng		98
29) 2,4-Dichlorophenol	9.98	162	124425	39.30	ng		95
30) 1,2,4-Trichlorobenzene	10.20	180	120287	31.97	ng		98
31) Naphthalene	10.38	128	375239	30.80	ng		99
32) Benzoic acid	9.61	122	23229	25.37	ng		84
33) 4-Chloroaniline	10.50	127	96176	17.71	ng	#	93
34) Hexachlorobutadiene	10.67	225	68889	32.50	ng		93
35) Caprolactam	11.28	113	77169	47.96	ng		89
36) 4-Chloro-3-methylphenol	11.64	107	131216	36.51	ng		94
37) 2-Methylnaphthalene	12.01	142	280857	32.12	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	132463	30.57	ng		96
40) Hexachlorocyclopentadiene	12.36	237	168175	71.16	ng		100

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Quant Time: Jul 22 04:02:34 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 03:55:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	102462	36.36	ng		100
43) 2,4,5-Trichlorophenol	12.70	196	112257	38.31	ng		96
45) 1,1'-Biphenyl	13.04	154	349692	30.89	ng		97
46) 2-Chloronaphthalene	13.08	162	275152	30.00	ng		93
47) 2-Nitroaniline	13.29	65	77555	31.49	ng	#	76
48) Acenaphthylene	13.93	152	477274	31.20	ng		96
49) Dimethylphthalate	13.68	163	388979	34.64	ng		100
50) 2,6-Dinitrotoluene	13.80	165	92415	36.31	ng	#	81
51) Acenaphthene	14.28	154	282042	30.44	ng		100
52) 3-Nitroaniline	14.13	138	65805	23.00	ng		86
53) 2,4-Dinitrophenol	14.34	184	94292	71.08	ng	#	87
54) Dibenzofuran	14.61	168	444441	33.25	ng		95
55) 4-Nitrophenol	14.46	139	204972	90.56	ng	#	77
56) 2,4-Dinitrotoluene	14.59	165	134421	39.38	ng	#	87
57) Fluorene	15.27	166	387219	33.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.84	232	111019	43.94	ng		92
59) Diethylphthalate	15.06	149	439014	37.74	ng		100
60) 4-Chlorophenyl-phenylether	15.27	204	190690	33.85	ng		91
61) 4-Nitroaniline	15.30	138	131902	39.35	ng		88
62) Azobenzene	15.56	77	328553	30.57	ng		87
64) 4,6-Dinitro-2-methylphenol	15.35	198	89357	42.57	ng		80
65) n-Nitrosodiphenylamine	15.48	169	356109	28.45	ng		98
66) 4-Bromophenyl-phenylether	16.17	248	125320	30.05	ng	#	91
67) Hexachlorobenzene	16.27	284	138588	29.93	ng	#	89
68) Atrazine	16.45	200	160232	38.97	ng		97
69) Pentachlorophenol	16.62	266	198679	69.57	ng		99
70) Phenanthrene	17.01	178	674479	31.41	ng		99
71) Anthracene	17.10	178	690301	33.04	ng		99
72) Carbazole	17.38	167	703504	35.64	ng		97
73) Di-n-butylphthalate	17.95	149	870995	36.00	ng	#	97
74) Fluoranthene	19.03	202	850134	36.17	ng		98
76) Benzidine	19.23	184	412953	25.95	ng		99
77) Pyrene	19.40	202	891124	28.51	ng		98
79) Butylbenzylphthalate	20.32	149	402687	28.77	ng		85
80) Benzo(a)anthracene	21.15	228	855827	28.91	ng		100
81) 3,3'-Dichlorobenzidine	21.09	252	162921	15.18	ng		97
82) Chrysene	21.21	228	799480	28.36	ng		97
83) Bis(2-ethylhexyl)phthalate	21.10	149	558946	29.00	ng		97
84) Di-n-octyl phthalate	21.96	149	938992	30.93	ng	#	88
85) Indeno(1,2,3-cd)pyrene	25.60	276	1005921	29.51	ng		96
87) Benzo(b)fluoranthene	22.71	252	879550	33.87	ng		98
88) Benzo(k)fluoranthene	22.75	252	851996	32.86	ng		98
89) Benzo(a)pyrene	23.27	252	847973	35.05	ng		96
90) Dibenzo(a,h)anthracene	25.61	278	866673	34.55	ng		97
91) Benzo(g,h,i)perylene	26.28	276	824814	34.10	ng		98

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

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