Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022193.D
Acq On : 7 Jun 2016 7:17
Operator : UM/SJ
Sample : PB91121BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91121BS

Manual Integrations APPROVED
umangi
6/7/2016 7:29:43 PM

Quant Time: Jun 07 15:40:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27986	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	135214	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	83778	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	199069	20.00	ng		0.00
75) Chrysene-d12	21.77	240	194367	20.00	ng		0.00
86) Perylene-d12	25.06	264	186657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	209325	144.62	ng		0.00
7) Phenol-d6	7.28	99	309291	135.90	ng		0.00
23) Nitrobenzene-d5	9.29	82	161337	83.19	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	118254	124.92	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	443185	80.62	ng		0.00
78) Terphenyl-d14	20.09	244	665700	81.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	21560	31.06	ng	#	80
3) Pyridine	3.92	79	62062	33.09	ng		98
4) n-Nitrosodimethylamine	3.84	42	16219	38.67	ng		98
6) Aniline	7.44	93	65635	22.70	ng	#	80
8) 2-Chlorophenol	7.68	128	88206	44.09	ng	#	78
9) Benzaldehyde	7.27	77	4988	3.98	ng	#	86
10) Phenol	7.31	94	104349	44.47	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	72209	38.60	ng	#	70
12) 1,3-Dichlorobenzene	8.01	146	81805	38.15	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	83864	39.25	ng		92
14) 1,2-Dichlorobenzene	8.48	146	83404	38.72	ng		93
15) Benzyl Alcohol	8.36	79	55575	37.80	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	73273	37.75	ng		81
17) 2-Methylphenol	8.57	107	73305	41.87	ng	#	86
18) Hexachloroethane	9.21	117	30279	38.81	ng	#	72
19) n-Nitroso-di-n-propylamine	8.92	70	55140	35.79	ng	#	68
20) 3+4-Methylphenols	8.89	107	102818	40.94	ng		97
22) Acetophenone	8.95	105	115660	39.69	ng	#	81
24) Nitrobenzene	9.33	77	81549	41.81	ng	#	82
25) Isophorone	9.85	82	169345	37.32	ng	#	93
26) 2-Nitrophenol	10.05	139	42840	40.51	ng	#	75
27) 2,4-Dimethylphenol	10.10	122	85912	44.88	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	104810	40.32	ng		96
29) 2,4-Dichlorophenol	10.59	162	82609	46.58	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	81126	40.94	ng		96
31) Naphthalene	10.99	128	270357	40.06	ng	#	96
32) Benzoic acid	10.24	122	20796	36.40	ng	#	77
33) 4-Chloroaniline	11.10	127	35491	12.65	ng	#	91
34) Hexachlorobutadiene	11.26	225	42759	40.20	ng		96
35) Caprolactam	11.86	113	35854m	36.86	ng		
36) 4-Chloro-3-methylphenol	12.21	107	90368	42.99	ng		88
37) 2-Methylnaphthalene	12.58	142	197457	39.63	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	87284	40.47	ng		99
40) Hexachlorocyclopentadiene	12.92	237	87438	79.55	ng		99

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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	13.19	196	63885	44.16	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	71429	44.69	ng		93
45) 1,1'-Biphenyl	13.58	154	261061	41.41	ng		96
46) 2-Chloronaphthalene	13.63	162	205079	42.43	ng		96
47) 2-Nitroaniline	13.84	65	47145	40.91	ng	#	57
48) Acenaphthylene	14.47	152	350118	41.29	ng		98
49) Dimethylphthalate	14.19	163	276943	39.87	ng		99
50) 2,6-Dinitrotoluene	14.32	165	63639	42.14	ng	#	76
51) Acenaphthene	14.81	154	204809	40.31	ng		97
52) 3-Nitroaniline	14.66	138	30058	17.95	ng		84
53) 2,4-Dinitrophenol	14.87	184	49348	80.02	ng	#	71
54) Dibenzofuran	15.15	168	324402	40.91	ng		97
55) 4-Nitrophenol	14.98	139	105889	91.61	ng	#	69
56) 2,4-Dinitrotoluene	15.11	165	88697	43.79	ng	#	80
57) Fluorene	15.79	166	278607	40.79	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	59635	41.60	ng		99
59) Diethylphthalate	15.55	149	298150	40.18	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	126430	40.88	ng		94
61) 4-Nitroaniline	15.82	138	69098	38.90	ng		79
62) Azobenzene	16.07	77	235419	41.89	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	39797	40.41	ng	#	81
65) n-Nitrosodiphenylamine	16.00	169	242653	42.31	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	77572	41.59	ng		93
67) Hexachlorobenzene	16.80	284	87420	40.21	ng		96
68) Atrazine	16.93	200	86447	40.72	ng		98
69) Pentachlorophenol	17.14	266	80761	81.78	ng		98
70) Phenanthrene	17.53	178	440192	40.71	ng		99
71) Anthracene	17.63	178	442525	41.27	ng		98
72) Carbazole	17.90	167	424572	41.81	ng		98
73) Di-n-butylphthalate	18.43	149	550719	41.48	ng		98
74) Fluoranthene	19.54	202	513164	41.29	ng		98
76) Benzidine	19.72	184	122825m	24.17	ng		
77) Pyrene	19.90	202	511999	42.37	ng		100
79) Butylbenzylphthalate	20.76	149	233711	41.70	ng		90
80) Benzo(a)anthracene	21.75	228	452728	41.54	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	59235	19.36	ng		98
82) Chrysene	21.81	228	443965	41.86	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	347304	42.14	ng		96
84) Di-n-octyl phthalate	22.85	149	586935	42.90	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.84	276	513608	43.17	ng	#	84
87) Benzo(b)fluoranthene	24.01	252	466851	42.88	ng	#	98
88) Benzo(k)fluoranthene	24.08	252	445233	41.55	ng	#	97
89) Benzo(a)pyrene	24.91	252	439339	42.21	ng	#	97
90) Dibenzo(a,h)anthracene	28.89	278	418799	42.72	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	429236	42.08	ng	#	92

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

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