Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
Data File : BG020036.D
Acq On : 9 Dec 2015 10:03
Operator : UM/SJ
Sample : PB87054BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 14:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB87054BS

Manual Integrations APPROVED
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12/9/2015 6:14:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16948	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	74643	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	54524	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	136110	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	168457	20.00	ng		-0.04
86) Perylene-d12	25.04	264	155450	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	96383	102.78	ng		-0.01
7) Phenol-d6	7.26	99	140647	99.34	ng		-0.01
23) Nitrobenzene-d5	9.28	82	134002	91.62	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	74178	88.91	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	333873	83.61	ng		-0.02
78) Terphenyl-d14	20.08	244	604079	87.47	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	13543	37.07	ng	#	100
3) Pyridine	3.92	79	42504	38.31	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	21921	37.57	ng		92
6) Aniline	7.43	93	38698	21.11	ng	#	86
8) 2-Chlorophenol	7.67	128	54500	47.66	ng		94
9) Benzaldehyde	7.24	77	11104	11.76	ng		89
10) Phenol	7.29	94	73833	49.55	ng		79
11) bis(2-Chloroethyl)ether	7.52	93	46596	42.22	ng		90
12) 1,3-Dichlorobenzene	8.00	146	53309	41.13	ng	#	93
13) 1,4-Dichlorobenzene	8.14	146	54101	40.42	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	53623	42.00	ng		93
15) Benzyl Alcohol	8.34	79	56690	45.63	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	70845	39.36	ng		93
17) 2-Methylphenol	8.55	107	49741	47.29	ng	#	91
18) Hexachloroethane	9.20	117	20080	40.06	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	44631	39.97	ng		93
20) 3+4-Methylphenols	8.87	107	68873	46.49	ng		92
22) Acetophenone	8.93	105	80817	39.50	ng	#	95
24) Nitrobenzene	9.32	77	68327	43.07	ng		90
25) Isophorone	9.84	82	120912	38.56	ng		96
26) 2-Nitrophenol	10.04	139	30348	49.53	ng	#	75
27) 2,4-Dimethylphenol	10.08	122	57176	44.81	ng		93
28) bis(2-Chloroethoxy)methane	10.32	93	68823	44.92	ng		97
29) 2,4-Dichlorophenol	10.57	162	63288	48.55	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	61965	42.06	ng		95
31) Naphthalene	10.98	128	172512	43.14	ng		99
32) Benzoic acid	10.21	122	40421	47.13	ng		94
33) 4-Chloroaniline	11.08	127	24509	13.91	ng	#	93
34) Hexachlorobutadiene	11.26	225	42983	39.56	ng		97
35) Caprolactam	11.86	113	20773m	42.81	ng		
36) 4-Chloro-3-methylphenol	12.19	107	72009	44.36	ng		92
37) 2-Methylnaphthalene	12.57	142	129117	44.06	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	84619	40.90	ng		99
40) Hexachlorocyclopentadiene	12.92	237	83842	71.06	ng		95

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	59168	43.19	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	66324	45.81	ng		96
45) 1,1'-Biphenyl	13.58	154	174547	39.01	ng		99
46) 2-Chloronaphthalene	13.62	162	143496	41.60	ng		95
47) 2-Nitroaniline	13.82	65	50396	46.26	ng		93
48) Acenaphthylene	14.47	152	238032	40.52	ng		99
49) Dimethylphthalate	14.19	163	191570	39.06	ng		98
50) 2,6-Dinitrotoluene	14.31	165	42903	46.53	ng	#	82
51) Acenaphthene	14.81	154	142757	40.05	ng		98
52) 3-Nitroaniline	14.64	138	27046	28.23	ng		90
53) 2,4-Dinitrophenol	14.84	184	42022	84.98	ng		89
54) Dibenzofuran	15.14	168	237949	44.87	ng		93
55) 4-Nitrophenol	14.94	139	70491	84.49	ng	#	73
56) 2,4-Dinitrotoluene	15.09	165	60861	47.31	ng	#	90
57) Fluorene	15.78	166	193927	40.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	62987	47.01	ng		97
59) Diethylphthalate	15.55	149	200711	37.81	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	108041	39.64	ng		94
61) 4-Nitroaniline	15.80	138	45337	42.08	ng	#	78
62) Azobenzene	16.06	77	190064	43.03	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	34823	45.85	ng		92
65) n-Nitrosodiphenylamine	15.99	169	174238	44.24	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	70388	41.62	ng		96
67) Hexachlorobenzene	16.79	284	78386	44.49	ng		97
68) Atrazine	16.93	200	68845	40.23	ng		96
69) Pentachlorophenol	17.13	266	97634	94.95	ng		93
70) Phenanthrene	17.52	178	330915	42.97	ng		97
71) Anthracene	17.61	178	336284	42.87	ng		96
72) Carbazole	17.88	167	291691	42.21	ng		98
73) Di-n-butylphthalate	18.43	149	356060	42.04	ng		99
74) Fluoranthene	19.52	202	420617	42.70	ng		94
76) Benzidine	19.70	184	118258	21.37	ng		95
77) Pyrene	19.89	202	431528	43.54	ng		95
79) Butylbenzylphthalate	20.76	149	164171	42.26	ng		98
80) Benzo(a)anthracene	21.73	228	439328	42.60	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	110365	28.10	ng		98
82) Chrysene	21.80	228	396069	40.45	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	232806	40.84	ng	#	97
84) Di-n-octyl phthalate	22.87	149	405351	43.73	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	482055	44.70	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	430309	43.68	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	409818	42.00	ng	#	94
89) Benzo(a)pyrene	24.88	252	410135	43.85	ng	#	94
90) Dibenzo(a,h)anthracene	28.84	278	394899	42.73	ng	#	92
91) Benzo(g,h,i)perylene	29.95	276	385373	42.47	ng	#	91

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

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