Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019948.D
Acq On : 5 Dec 2015 18:56
Operator : UM/NP
Sample : PB87019BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Manual Integrations APPROVED
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12/7/2015 6:31:43 PM

Quant Time: Dec 07 02:30:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47132	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	208414	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	151684	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	396802	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	484731	20.00	ng		-0.03
86) Perylene-d12	25.04	264	462084	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	223954	85.88	ng		-0.01
7) Phenol-d6	7.26	99	327585	83.20	ng		-0.01
23) Nitrobenzene-d5	9.28	82	212209	51.96	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	171493	73.89	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	517535	46.59	ng		-0.02
78) Terphenyl-d14	20.09	244	943786	47.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24843	24.45	ng	#	100
3) Pyridine	3.93	79	78077	25.31	ng	#	88
4) n-Nitrosodimethylamine	3.84	42	40444	24.92	ng		87
6) Aniline	7.43	93	106156	20.82	ng	#	87
8) 2-Chlorophenol	7.67	128	93059	29.26	ng		93
9) Benzaldehyde	7.24	77	32453	12.36	ng		91
10) Phenol	7.29	94	129804	31.32	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	85170	27.75	ng		90
12) 1,3-Dichlorobenzene	8.00	146	95863	26.60	ng	#	90
13) 1,4-Dichlorobenzene	8.15	146	96360m	25.89	ng		
14) 1,2-Dichlorobenzene	8.47	146	94589	26.64	ng		94
15) Benzyl Alcohol	8.35	79	100480	29.08	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	131346	26.24	ng		94
17) 2-Methylphenol	8.55	107	87173	29.80	ng	#	89
18) Hexachloroethane	9.21	117	36035	25.85	ng		90
19) n-Nitroso-di-n-propylamine	8.92	70	79875	25.72	ng		92
20) 3+4-Methylphenols	8.88	107	121785	29.56	ng		92
22) Acetophenone	8.94	105	141358	24.74	ng	#	91
24) Nitrobenzene	9.32	77	121856	27.51	ng		91
25) Isophorone	9.85	82	219488	25.07	ng	#	95
26) 2-Nitrophenol	10.04	139	51523	30.12	ng	#	72
27) 2,4-Dimethylphenol	10.09	122	99509	27.93	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	123226	28.80	ng		99
29) 2,4-Dichlorophenol	10.57	162	110009	30.23	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	104491	25.40	ng		95
31) Naphthalene	10.98	128	298306	26.72	ng		99
32) Benzoic acid	10.21	122	76356	33.83	ng	#	84
33) 4-Chloroaniline	11.09	127	67438	13.71	ng	#	93
34) Hexachlorobutadiene	11.27	225	71768	23.65	ng		96
35) Caprolactam	11.86	113	40748m	30.08	ng		
36) 4-Chloro-3-methylphenol	12.19	107	126859	27.99	ng		92
37) 2-Methylnaphthalene	12.58	142	226979	27.74	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	141207	24.53	ng		98
40) Hexachlorocyclopentadiene	12.93	237	157640	48.03	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	103057	27.04	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	115880	28.77	ng		97
45) 1,1'-Biphenyl	13.58	154	302361	24.29	ng		100
46) 2-Chloronaphthalene	13.63	162	248493	25.90	ng		94
47) 2-Nitroaniline	13.82	65	93843	30.97	ng		86
48) Acenaphthylene	14.47	152	419541	25.67	ng		99
49) Dimethylphthalate	14.20	163	342172	25.08	ng		99
50) 2,6-Dinitrotoluene	14.31	165	76942	29.99	ng	#	75
51) Acenaphthene	14.81	154	291442m	29.39	ng		
52) 3-Nitroaniline	14.64	138	60649	22.76	ng		91
53) 2,4-Dinitrophenol	14.84	184	80048	61.11	ng	#	85
54) Dibenzofuran	15.14	168	415125	28.14	ng		92
55) 4-Nitrophenol	14.94	139	133711	57.61	ng	#	69
56) 2,4-Dinitrotoluene	15.09	165	111327	31.10	ng	#	83
57) Fluorene	15.79	166	336924	25.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	112054	30.06	ng		98
59) Diethylphthalate	15.55	149	364857	24.71	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	185210	24.43	ng		97
61) 4-Nitroaniline	15.81	138	84863	28.31	ng	#	77
62) Azobenzene	16.07	77	346788	28.22	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	65414	31.72	ng		93
65) n-Nitrosodiphenylamine	15.99	169	310916	27.08	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	124018	25.15	ng		97
67) Hexachlorobenzene	16.79	284	136474	26.57	ng		98
68) Atrazine	16.93	200	132987	26.66	ng		93
69) Pentachlorophenol	17.13	266	174499	58.21	ng		91
70) Phenanthrene	17.53	178	596618	26.57	ng		98
71) Anthracene	17.62	178	599304	26.21	ng		97
72) Carbazole	17.89	167	538048	26.71	ng		98
73) Di-n-butylphthalate	18.44	149	649611	26.31	ng		99
74) Fluoranthene	19.53	202	746072	25.98	ng		95
76) Benzidine	19.71	184	256982	16.14	ng		97
77) Pyrene	19.89	202	770145	27.01	ng		97
79) Butylbenzylphthalate	20.77	149	304871	27.28	ng		97
80) Benzo(a)anthracene	21.74	228	781589	26.34	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	191133	16.91	ng		98
82) Chrysene	21.81	228	715660	25.40	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	435988	26.58	ng		97
84) Di-n-octyl phthalate	22.88	149	744844	27.93	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.80	276	878550	28.31	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	767592	26.21	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	737622	25.43	ng	#	96
89) Benzo(a)pyrene	24.89	252	746667	26.85	ng	#	96
90) Dibenzo(a,h)anthracene	28.87	278	726245	26.44	ng	#	94
91) Benzo(g,h,i)perylene	29.97	276	717348	26.60	ng	#	92

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

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