Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020120.D
Acq On : 12 Dec 2015 00:01
Operator : UM/SJ
Sample : PB87210BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87210BS

Quant Time: Dec 12 02:36:41 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	8.10	152	23427	20.00	ng		-0.04
21) Naphthalene-d8	10.92	136	101139	20.00	ng		-0.04
38) Acenaphthene-d10	14.73	164	73409	20.00	ng		-0.04
63) Phenanthrene-d10	17.47	188	197722	20.00	ng		-0.04
75) Chrysene-d12	21.75	240	222055	20.00	ng		-0.05
86) Perylene-d12	25.01	264	212387	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	102790	79.30	ng		-0.02
7) Phenol-d6	7.26	99	149254	76.26	ng		-0.02
23) Nitrobenzene-d5	9.27	82	139215	70.25	ng		-0.03
41) 2,4,6-Tribromophenol	16.22	330	83263	74.13	ng		-0.03
44) 2-Fluorobiphenyl	13.36	172	354175	65.88	ng		-0.04
78) Terphenyl-d14	20.07	244	654996	71.95	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	14599	28.91	ng	#	100
3) Pyridine	3.91	79	46267	30.17	ng		91
4) n-Nitrosodimethylamine	3.83	42	24617	30.52	ng		85
6) Aniline	7.42	93	55350	21.84	ng	#	89
8) 2-Chlorophenol	7.66	128	57829	36.59	ng		97
9) Benzaldehyde	7.23	77	29635	22.71	ng		96
10) Phenol	7.28	94	77920	37.83	ng		78
11) bis(2-Chloroethyl)ether	7.51	93	51418	33.71	ng		93
12) 1,3-Dichlorobenzene	7.99	146	58271	32.53	ng	#	93
13) 1,4-Dichlorobenzene	8.14	146	59246	32.02	ng		95
14) 1,2-Dichlorobenzene	8.45	146	57213	32.42	ng		95
15) Benzyl Alcohol	8.33	79	59079	34.40	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.63	45	74098	29.78	ng		93
17) 2-Methylphenol	8.54	107	53630	36.88	ng	#	93
18) Hexachloroethane	9.19	117	21980	31.72	ng		89
19) n-Nitroso-di-n-propylamine	8.91	70	48509	31.43	ng		97
20) 3+4-Methylphenols	8.87	107	73725	36.01	ng		93
22) Acetophenone	8.92	105	88696	31.99	ng	#	93
24) Nitrobenzene	9.31	77	72080	33.53	ng		93
25) Isophorone	9.83	82	135259	31.84	ng	#	97
26) 2-Nitrophenol	10.02	139	33316	40.13	ng	#	79
27) 2,4-Dimethylphenol	10.08	122	62476	36.14	ng		91
28) bis(2-Chloroethoxy)methane	10.31	93	74834	36.05	ng		98
29) 2,4-Dichlorophenol	10.56	162	68418	38.74	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	64756	32.44	ng		96
31) Naphthalene	10.97	128	180203	33.26	ng		98
32) Benzoic acid	10.21	122	50197	43.70	ng		91
33) 4-Chloroaniline	11.07	127	26745	11.20	ng	#	92
34) Hexachlorobutadiene	11.25	225	46470	31.56	ng		94
35) Caprolactam	11.85	113	25305m	38.49	ng		
36) 4-Chloro-3-methylphenol	12.19	107	79859	36.31	ng		92
37) 2-Methylnaphthalene	12.57	142	137513	34.63	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	89770	32.22	ng		99
40) Hexachlorocyclopentadiene	12.91	237	118407	74.54	ng		100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	66056	35.82	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	73369	37.64	ng		97
45) 1,1'-Biphenyl	13.57	154	189636	31.48	ng		100
46) 2-Chloronaphthalene	13.61	162	150635	32.44	ng		97
47) 2-Nitroaniline	13.81	65	54932	37.45	ng		92
48) Acenaphthylene	14.45	152	255596	32.31	ng		99
49) Dimethylphthalate	14.18	163	220718	33.42	ng		99
50) 2,6-Dinitrotoluene	14.30	165	47859	38.55	ng	#	83
51) Acenaphthene	14.79	154	151035	31.47	ng		96
52) 3-Nitroaniline	14.63	138	25980	20.14	ng		99
53) 2,4-Dinitrophenol	14.84	184	65681	97.17	ng		90
54) Dibenzofuran	15.13	168	257564	36.07	ng		93
55) 4-Nitrophenol	14.94	139	85410	76.03	ng	#	68
56) 2,4-Dinitrotoluene	15.09	165	70725	40.83	ng	#	94
57) Fluorene	15.78	166	209977	32.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	73269	40.61	ng		95
59) Diethylphthalate	15.54	149	230222	32.21	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	118218	32.22	ng		96
61) 4-Nitroaniline	15.79	138	52569	36.24	ng	#	75
62) Azobenzene	16.06	77	203452	34.21	ng		94
64) 4,6-Dinitro-2-methylphenol	15.85	198	46896	42.95	ng		93
65) n-Nitrosodiphenylamine	15.98	169	197330	34.49	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	82188	33.45	ng		98
67) Hexachlorobenzene	16.78	284	88275	34.49	ng		93
68) Atrazine	16.92	200	84617	34.04	ng		97
69) Pentachlorophenol	17.12	266	112935	75.60	ng		93
70) Phenanthrene	17.51	178	378056	33.79	ng		97
71) Anthracene	17.60	178	384055	33.71	ng		97
72) Carbazole	17.87	167	339312	33.80	ng		98
73) Di-n-butylphthalate	18.42	149	400081	32.52	ng		98
74) Fluoranthene	19.52	202	478181	33.42	ng		93
76) Benzidine	19.69	184	212375	29.12	ng		97
77) Pyrene	19.88	202	488483	37.39	ng		95
79) Butylbenzylphthalate	20.75	149	175873	34.35	ng		99
80) Benzo(a)anthracene	21.72	228	474889	34.94	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	108952	21.05	ng		98
82) Chrysene	21.79	228	423768	32.84	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	249438	33.19	ng		96
84) Di-n-octyl phthalate	22.84	149	433596	35.49	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.74	276	526587	37.04	ng	#	100
87) Benzo(b)fluoranthene	23.97	252	463453	34.43	ng	#	95
88) Benzo(k)fluoranthene	24.04	252	433152	32.49	ng	#	94
89) Benzo(a)pyrene	24.86	252	440783	34.49	ng	#	96
90) Dibenzo(a,h)anthracene	28.80	278	435976	34.53	ng	#	94
91) Benzo(g,h,i)perylene	29.91	276	429238	34.62	ng	#	91

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

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