Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019981.D
Acq On : 7 Dec 2015 15:02
Operator : UM/NP
Sample : PB87030BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87030BS

Quant Time: Dec 08 00:06:11 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	8.12	152	18477	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	81906	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	59877	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	156660	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	190739	20.00	ng		-0.03
86) Perylene-d12	25.05	264	176472	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	142448	139.34	ng		0.00
7) Phenol-d6	7.26	99	204756	132.65	ng		-0.01
23) Nitrobenzene-d5	9.28	82	134033	83.52	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	109058	119.04	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	328660	74.95	ng		-0.02
78) Terphenyl-d14	20.09	244	603338	77.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	14496	36.40	ng	#	100
3) Pyridine	3.92	79	43729	36.15	ng	#	83
4) n-Nitrosodimethylamine	3.84	42	23146	36.38	ng		86
6) Aniline	7.43	93	46470	23.25	ng	#	87
8) 2-Chlorophenol	7.67	128	54653	43.84	ng		94
9) Benzaldehyde	7.25	77	18122	17.61	ng		94
10) Phenol	7.29	94	74382	45.79	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	48414	40.24	ng		90
12) 1,3-Dichlorobenzene	8.00	146	54630	38.66	ng	#	94
13) 1,4-Dichlorobenzene	8.15	146	56100	38.44	ng	#	95
14) 1,2-Dichlorobenzene	8.47	146	53760	38.62	ng		96
15) Benzyl Alcohol	8.35	79	57116	42.17	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	75725	38.59	ng		93
17) 2-Methylphenol	8.55	107	50369	43.92	ng	#	89
18) Hexachloroethane	9.21	117	20750	37.97	ng		90
19) n-Nitroso-di-n-propylamine	8.92	70	45215	37.14	ng		89
20) 3+4-Methylphenols	8.88	107	69123	42.80	ng		94
22) Acetophenone	8.94	105	80102	35.68	ng	#	92
24) Nitrobenzene	9.33	77	70420	40.45	ng		92
25) Isophorone	9.85	82	123994	36.04	ng	#	96
26) 2-Nitrophenol	10.04	139	30591	45.50	ng	#	78
27) 2,4-Dimethylphenol	10.09	122	57568	41.12	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	70216	41.76	ng		98
29) 2,4-Dichlorophenol	10.57	162	63607	44.47	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	61282	37.91	ng		98
31) Naphthalene	10.98	128	173350	39.51	ng		99
32) Benzoic acid	10.21	122	40512	43.57	ng	#	84
33) 4-Chloroaniline	11.09	127	28245	14.61	ng		96
34) Hexachlorobutadiene	11.26	225	43585	36.55	ng		92
35) Caprolactam	11.86	113	22715	42.66	ng	#	82
36) 4-Chloro-3-methylphenol	12.20	107	73856	41.46	ng		96
37) 2-Methylnaphthalene	12.58	142	132660	41.26	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	82305	36.22	ng		99
40) Hexachlorocyclopentadiene	12.93	237	85842	66.26	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	58742	39.05	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	67314	42.34	ng		95
45) 1,1'-Biphenyl	13.58	154	175650	35.75	ng		99
46) 2-Chloronaphthalene	13.63	162	143415	37.86	ng		95
47) 2-Nitroaniline	13.83	65	53366	44.61	ng		90
48) Acenaphthylene	14.47	152	242711	37.62	ng		99
49) Dimethylphthalate	14.20	163	194685	36.15	ng		98
50) 2,6-Dinitrotoluene	14.31	165	43862	43.31	ng	#	76
51) Acenaphthene	14.81	154	162408	41.49	ng		99
52) 3-Nitroaniline	14.64	138	31244	29.70	ng		93
53) 2,4-Dinitrophenol	14.85	184	34641	66.10	ng		96
54) Dibenzofuran	15.14	168	242438	41.63	ng		92
55) 4-Nitrophenol	14.94	139	74249	81.03	ng	#	66
56) 2,4-Dinitrotoluene	15.10	165	64728	45.81	ng	#	94
57) Fluorene	15.79	166	197204	37.83	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	63706	43.29	ng		98
59) Diethylphthalate	15.55	149	209055	35.86	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	108618	36.29	ng		98
61) 4-Nitroaniline	15.81	138	48181	40.72	ng	#	75
62) Azobenzene	16.07	77	201909	41.63	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	34463	40.28	ng		92
65) n-Nitrosodiphenylamine	15.99	169	181877	40.12	ng		95
66) 4-Bromophenyl-phenylether	16.68	248	73314	37.66	ng		97
67) Hexachlorobenzene	16.79	284	78225	38.58	ng		98
68) Atrazine	16.94	200	77780	39.49	ng		96
69) Pentachlorophenol	17.13	266	97971	82.78	ng		88
70) Phenanthrene	17.53	178	349813	39.47	ng		97
71) Anthracene	17.62	178	351171	38.90	ng		96
72) Carbazole	17.89	167	308162	38.75	ng		98
73) Di-n-butylphthalate	18.44	149	375520	38.52	ng		98
74) Fluoranthene	19.53	202	437910	38.63	ng		95
76) Benzidine	19.71	184	103816	16.57	ng		97
77) Pyrene	19.90	202	445414	39.69	ng		95
79) Butylbenzylphthalate	20.77	149	171575	39.01	ng		96
80) Benzo(a)anthracene	21.74	228	451539	38.67	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	94389	21.23	ng		98
82) Chrysene	21.81	228	407288	36.74	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	251777	39.01	ng		95
84) Di-n-octyl phthalate	22.88	149	430121	40.99	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	496143	40.63	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	441527	39.48	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	419346	37.86	ng	#	95
89) Benzo(a)pyrene	24.90	252	421691	39.71	ng	#	96
90) Dibenzo(a,h)anthracene	28.87	278	414371	39.50	ng	#	93
91) Benzo(g,h,i)perylene	29.99	276	407145	39.52	ng	#	94

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

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