Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG023999.D
Acq On : 16 Sep 2016 18:42
Operator : UM/SJ
Sample : PB93393BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93393BS

Quant Time: Sep 17 00:36:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 00:17:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41536	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	198272	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	170496	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	387640	20.00	ng		0.00
75) Chrysene-d12	21.80	240	478032	20.00	ng		0.00
86) Perylene-d12	25.14	264	478775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	347711	146.97	ng		0.00
7) Phenol-d6	7.23	99	528633	145.16	ng		0.00
23) Nitrobenzene-d5	9.24	82	399599	89.98	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	330151	107.48	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	865445	72.78	ng		0.00
78) Terphenyl-d14	20.10	244	1616692	77.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	36158	37.06	ng		96
3) Pyridine	3.87	79	113880	38.84	ng		96
4) n-Nitrosodimethylamine	3.78	42	76529	49.51	ng	#	84
6) Aniline	7.38	93	138580	28.67	ng		94
8) 2-Chlorophenol	7.62	128	126964	46.32	ng		90
9) Benzaldehyde	7.20	77	17694	6.84	ng	#	84
10) Phenol	7.26	94	185156	48.33	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	124882	41.43	ng		86
12) 1,3-Dichlorobenzene	7.94	146	132044	41.16	ng		99
13) 1,4-Dichlorobenzene	8.09	146	140311	41.29	ng		93
14) 1,2-Dichlorobenzene	8.41	146	135411	42.45	ng		93
15) Benzyl Alcohol	8.31	79	171875	53.53	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	175055	43.33	ng		93
17) 2-Methylphenol	8.51	107	126544	49.03	ng		94
18) Hexachloroethane	9.14	117	57736	44.12	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	145500	45.22	ng		95
20) 3+4-Methylphenols	8.85	107	179671	49.95	ng		98
22) Acetophenone	8.89	105	207860	40.49	ng	#	97
24) Nitrobenzene	9.28	77	217816	45.61	ng		97
25) Isophorone	9.80	82	390225	45.31	ng		97
26) 2-Nitrophenol	10.00	139	82802	45.61	ng		96
27) 2,4-Dimethylphenol	10.06	122	145887	47.28	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	202398	46.54	ng		99
29) 2,4-Dichlorophenol	10.55	162	162505	49.71	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	162716	45.38	ng		97
31) Naphthalene	10.94	128	440391	43.11	ng		98
32) Benzoic acid	10.23	122	75115	29.98	ng	#	83
33) 4-Chloroaniline	11.06	127	60786	14.25	ng	#	88
34) Hexachlorobutadiene	11.21	225	121109	44.97	ng		98
35) Caprolactam	11.86	113	55124m	47.84	ng		
36) 4-Chloro-3-methylphenol	12.19	107	199857	45.75	ng		97
37) 2-Methylnaphthalene	12.55	142	348562	44.85	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	198435	35.06	ng		99
40) Hexachlorocyclopentadiene	12.88	237	261553	77.00	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	151177	40.03	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	150378	39.39	ng		95
45) 1,1'-Biphenyl	13.55	154	444989	32.45	ng		99
46) 2-Chloronaphthalene	13.60	162	384058	38.15	ng		91
47) 2-Nitroaniline	13.82	65	177842	44.85	ng		93
48) Acenaphthylene	14.45	152	635819	37.89	ng		97
49) Dimethylphthalate	14.18	163	554760	37.95	ng		97
50) 2,6-Dinitrotoluene	14.31	165	126523	41.00	ng		95
51) Acenaphthene	14.79	154	402055	38.75	ng		97
52) 3-Nitroaniline	14.65	138	55009	19.06	ng	#	92
53) 2,4-Dinitrophenol	14.87	184	159057	71.27	ng	#	87
54) Dibenzofuran	15.13	168	673354	41.58	ng		99
55) 4-Nitrophenol	14.99	139	164613	71.67	ng	#	87
56) 2,4-Dinitrotoluene	15.11	165	181233	39.95	ng		89
57) Fluorene	15.78	166	557212	39.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	169262	43.68	ng		96
59) Diethylphthalate	15.54	149	599186	38.39	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	304945	40.34	ng		97
61) 4-Nitroaniline	15.83	138	104065	35.66	ng		100
62) Azobenzene	16.06	77	688336	45.54	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	117267	43.57	ng		90
65) n-Nitrosodiphenylamine	15.99	169	506028	45.96	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	220821	46.82	ng		99
67) Hexachlorobenzene	16.80	284	227827	41.19	ng		97
68) Atrazine	16.94	200	214707	45.32	ng		99
69) Pentachlorophenol	17.15	266	244863	83.35	ng		98
70) Phenanthrene	17.54	178	948588	47.04	ng		98
71) Anthracene	17.63	178	959202	46.63	ng		97
72) Carbazole	17.91	167	846423	45.35	ng		95
73) Di-n-butylphthalate	18.44	149	1019662	45.79	ng		97
74) Fluoranthene	19.55	202	1177542	48.50	ng		96
76) Benzidine	19.74	184	395037	26.69	ng		97
77) Pyrene	19.92	202	1187109	40.38	ng		96
79) Butylbenzylphthalate	20.78	149	489523	43.19	ng		98
80) Benzo(a)anthracene	21.78	228	1241121	46.38	ng		93
81) 3,3'-Dichlorobenzidine	21.70	252	250898	23.46	ng		95
82) Chrysene	21.85	228	1164682	45.72	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	690107	44.47	ng	#	94
84) Di-n-octyl phthalate	22.90	149	1185100	46.57	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1478487	52.43	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1323617	48.67	ng		97
88) Benzo(k)fluoranthene	24.14	252	1211084	44.91	ng	#	99
89) Benzo(a)pyrene	24.98	252	1257243	48.68	ng	#	97
90) Dibenzo(a,h)anthracene	29.03	278	1220018	48.03	ng	#	96
91) Benzo(g,h,i)perylene	30.18	276	1235266	50.57	ng	#	97

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

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