Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023113.D
Acq On : 15 Jul 2016 14:45
Operator : UM/SJ
Sample : PB92146BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92146BS

Quant Time: Jul 15 23:07:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97565	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	462496	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	348265	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	828516	20.00	ng		0.00
75) Chrysene-d12	21.86	240	891345	20.00	ng		0.01
86) Perylene-d12	25.24	264	917964	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	769478	128.99	ng		0.00
7) Phenol-d6	7.31	99	1197883	128.21	ng		0.00
23) Nitrobenzene-d5	9.33	82	879749	81.45	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	645005	103.05	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1793461	81.11	ng		0.00
78) Terphenyl-d14	20.16	244	2650378	101.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	69121	29.81	ng		95
3) Pyridine	3.97	79	246471	31.06	ng		96
4) n-Nitrosodimethylamine	3.89	42	133624	39.25	ng	#	95
6) Aniline	7.47	93	454866	35.13	ng		98
8) 2-Chlorophenol	7.72	128	265156	41.77	ng		96
9) Benzaldehyde	7.28	77	140459	22.50	ng		95
10) Phenol	7.34	94	435367	45.29	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	292166	38.34	ng		93
12) 1,3-Dichlorobenzene	8.04	146	281432	36.22	ng		95
13) 1,4-Dichlorobenzene	8.19	146	289740	37.24	ng		94
14) 1,2-Dichlorobenzene	8.51	146	276452	35.74	ng		95
15) Benzyl Alcohol	8.39	79	386624	45.18	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.68	45	371050	39.87	ng		96
17) 2-Methylphenol	8.60	107	272819	43.60	ng		93
18) Hexachloroethane	9.25	117	119390	36.36	ng		91
19) n-Nitroso-di-n-propylamine	8.96	70	326662	38.78	ng		98
20) 3+4-Methylphenols	8.93	107	392279	44.95	ng		94
22) Acetophenone	8.98	105	505143	36.39	ng	#	95
24) Nitrobenzene	9.37	77	457463	39.86	ng		95
25) Isophorone	9.89	82	840732	38.70	ng		97
26) 2-Nitrophenol	10.09	139	174077	38.65	ng		89
27) 2,4-Dimethylphenol	10.14	122	305141	39.20	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	465344	38.41	ng		98
29) 2,4-Dichlorophenol	10.63	162	345563	41.62	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	341068	35.85	ng		96
31) Naphthalene	11.03	128	870816	36.99	ng		98
32) Benzoic acid	10.27	122	204885	28.93	ng		96
33) 4-Chloroaniline	11.14	127	367478	31.92	ng		91
34) Hexachlorobutadiene	11.31	225	263287	34.14	ng		98
35) Caprolactam	11.92	113	119837	35.08	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	431768	38.02	ng		96
37) 2-Methylnaphthalene	12.63	142	729124	39.18	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	465671	31.03	ng		100
40) Hexachlorocyclopentadiene	12.97	237	618127	71.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	332762	38.58	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	348790	39.37	ng		97
45) 1,1'-Biphenyl	13.63	154	1014685	38.83	ng		98
46) 2-Chloronaphthalene	13.68	162	838047	39.54	ng		95
47) 2-Nitroaniline	13.89	65	370111	40.92	ng		98
48) Acenaphthylene	14.53	152	1251333	39.35	ng		98
49) Dimethylphthalate	14.25	163	1145927	40.28	ng		98
50) 2,6-Dinitrotoluene	14.37	165	258255	40.39	ng		87
51) Acenaphthene	14.86	154	817758	39.36	ng		98
52) 3-Nitroaniline	14.71	138	220791	34.63	ng		86
53) 2,4-Dinitrophenol	14.92	184	289409	65.97	ng		99
54) Dibenzofuran	15.20	168	1338827	43.05	ng		98
55) 4-Nitrophenol	15.02	139	382455	71.57	ng		96
56) 2,4-Dinitrotoluene	15.16	165	377419	40.49	ng		98
57) Fluorene	15.85	166	1081038	40.38	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	364775	41.16	ng		98
59) Diethylphthalate	15.60	149	1192970	41.21	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	629992	38.64	ng		97
61) 4-Nitroaniline	15.88	138	258869	37.53	ng	#	87
62) Azobenzene	16.13	77	1331053	48.08	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	235664	38.27	ng		92
65) n-Nitrosodiphenylamine	16.05	169	1013705	42.47	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	420093	38.97	ng		97
67) Hexachlorobenzene	16.85	284	447995	38.22	ng		98
68) Atrazine	17.00	200	431988	40.80	ng		99
69) Pentachlorophenol	17.21	266	543473	71.60	ng		97
70) Phenanthrene	17.60	178	1778061	43.79	ng		99
71) Anthracene	17.69	178	1795180	43.66	ng		98
72) Carbazole	17.96	167	1581411	44.51	ng		99
73) Di-n-butylphthalate	18.50	149	1898483	48.05	ng		99
74) Fluoranthene	19.60	202	2056123	41.26	ng		99
76) Benzidine	19.78	184	1338902	52.40	ng		99
77) Pyrene	19.96	202	2109953	42.12	ng		98
79) Butylbenzylphthalate	20.84	149	930388	46.90	ng		96
80) Benzo(a)anthracene	21.84	228	2163320	43.38	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	743638	33.97	ng		99
82) Chrysene	21.91	228	2043754	43.69	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1284636	46.63	ng		99
84) Di-n-octyl phthalate	22.98	149	2135220	46.47	ng		98
85) Indeno(1,2,3-cd)pyrene	29.10	276	2399264	40.23	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2316685	43.74	ng	#	99
88) Benzo(k)fluoranthene	24.23	252	2156108	42.90	ng	#	98
89) Benzo(a)pyrene	25.08	252	2237967	44.08	ng	#	99
90) Dibenzo(a,h)anthracene	29.17	278	1996145	39.62	ng	#	94
91) Benzo(g,h,i)perylene	30.31	276	1898313	37.62	ng	#	97

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

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