Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023124.D
Acq On : 15 Jul 2016 22:12
Operator : UM/SJ
Sample : PB92160BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92160BS

Quant Time: Jul 15 23:13:14 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	104355	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	494943	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	363780	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	897079	20.00	ng		0.00
75) Chrysene-d12	21.86	240	953794	20.00	ng		0.00
86) Perylene-d12	25.23	264	955682	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	858068	134.48	ng		0.00
7) Phenol-d6	7.31	99	1345896	134.68	ng		0.00
23) Nitrobenzene-d5	9.32	82	960665	83.11	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	715185	109.39	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1926013	83.39	ng		0.00
78) Terphenyl-d14	20.15	244	2799802	99.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	77399	31.21	ng	#	93
3) Pyridine	3.97	79	270214	31.84	ng		93
4) n-Nitrosodimethylamine	3.88	42	141095	38.75	ng	#	98
6) Aniline	7.47	93	397467	28.70	ng		99
8) 2-Chlorophenol	7.71	128	314775	46.36	ng		98
9) Benzaldehyde	7.28	77	147847	22.14	ng		87
10) Phenol	7.34	94	484662	47.14	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	325996	40.00	ng		94
12) 1,3-Dichlorobenzene	8.04	146	308773	37.15	ng		95
13) 1,4-Dichlorobenzene	8.19	146	313937	37.73	ng		97
14) 1,2-Dichlorobenzene	8.51	146	308987	37.35	ng		96
15) Benzyl Alcohol	8.39	79	429054	46.88	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	405225	40.71	ng		98
17) 2-Methylphenol	8.60	107	307745	45.98	ng		97
18) Hexachloroethane	9.24	117	134121	38.18	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	346589	38.47	ng		98
20) 3+4-Methylphenols	8.92	107	441134	47.26	ng		94
22) Acetophenone	8.98	105	563231	37.92	ng	#	96
24) Nitrobenzene	9.36	77	508445	41.40	ng		98
25) Isophorone	9.89	82	898583	38.65	ng		98
26) 2-Nitrophenol	10.08	139	193361	40.12	ng		91
27) 2,4-Dimethylphenol	10.14	122	342522	41.11	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	503061	38.80	ng		98
29) 2,4-Dichlorophenol	10.63	162	380579	42.83	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	382644	37.58	ng		95
31) Naphthalene	11.03	128	980987	38.94	ng		99
32) Benzoic acid	10.28	122	231487	30.54	ng		92
33) 4-Chloroaniline	11.14	127	217185	17.63	ng		96
34) Hexachlorobutadiene	11.31	225	290838	35.24	ng		96
35) Caprolactam	11.91	113	137769	37.69	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	483296	39.77	ng		90
37) 2-Methylnaphthalene	12.63	142	785456	39.44	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	521496	33.27	ng		99
40) Hexachlorocyclopentadiene	12.97	237	641238	71.05	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	370732	41.14	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	391634	42.33	ng		94
45) 1,1'-Biphenyl	13.63	154	1110178	40.67	ng		99
46) 2-Chloronaphthalene	13.68	162	924437	41.75	ng		97
47) 2-Nitroaniline	13.88	65	402742	42.63	ng		96
48) Acenaphthylene	14.52	152	1382826	41.63	ng		98
49) Dimethylphthalate	14.25	163	1245306	41.91	ng		98
50) 2,6-Dinitrotoluene	14.37	165	283425	42.44	ng		90
51) Acenaphthene	14.86	154	906810	41.78	ng		98
52) 3-Nitroaniline	14.71	138	198329	29.78	ng		88
53) 2,4-Dinitrophenol	14.91	184	305872	66.75	ng		98
54) Dibenzofuran	15.20	168	1487161	45.78	ng		100
55) 4-Nitrophenol	15.02	139	432165	77.42	ng		94
56) 2,4-Dinitrotoluene	15.16	165	421485	43.29	ng		98
57) Fluorene	15.85	166	1177931	42.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	405412	43.79	ng		100
59) Diethylphthalate	15.60	149	1289477	42.65	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	693057	40.70	ng		98
61) 4-Nitroaniline	15.87	138	285180	39.58	ng	#	84
62) Azobenzene	16.13	77	1439079	49.76	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	247144	37.07	ng		94
65) n-Nitrosodiphenylamine	16.05	169	1108728	42.90	ng		94
66) 4-Bromophenyl-phenylether	16.73	248	462572	39.63	ng		97
67) Hexachlorobenzene	16.85	284	499473	39.36	ng		97
68) Atrazine	17.00	200	470706	41.06	ng		98
69) Pentachlorophenol	17.20	266	596950	72.64	ng		99
70) Phenanthrene	17.60	178	1892278	43.04	ng		97
71) Anthracene	17.68	178	1939496	43.57	ng		98
72) Carbazole	17.96	167	1689075	43.91	ng		99
73) Di-n-butylphthalate	18.50	149	2011156	47.01	ng		100
74) Fluoranthene	19.60	202	2217250	41.10	ng		97
76) Benzidine	19.78	184	1034951	37.85	ng		99
77) Pyrene	19.96	202	2226728	41.54	ng		98
79) Butylbenzylphthalate	20.83	149	1004533	47.32	ng		97
80) Benzo(a)anthracene	21.84	228	2331558	43.69	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	684791	29.24	ng		98
82) Chrysene	21.90	228	2186435	43.68	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1365714	46.33	ng		100
84) Di-n-octyl phthalate	22.98	149	2286895	46.52	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2513859	39.39	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	2457701	44.57	ng	#	98
88) Benzo(k)fluoranthene	24.23	252	2371508	45.32	ng	#	97
89) Benzo(a)pyrene	25.08	252	2394970	45.31	ng	#	99
90) Dibenzo(a,h)anthracene	29.16	278	2119886	40.41	ng	#	92
91) Benzo(g,h,i)perylene	30.31	276	2028449	38.61	ng	#	94

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

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