Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022622.D
Acq On : 26 Jun 2016 23:24
Operator : UM/SJ
Sample : PB91574BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91574BS

Quant Time: Jun 27 03:22:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	133781	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	564002	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	393078	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1087136	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1255488	20.00	ng		0.00
86) Perylene-d12	25.21	264	1269243	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1021473	122.47	ng		0.00
7) Phenol-d6	7.31	99	1480599	125.94	ng		0.00
23) Nitrobenzene-d5	9.33	82	1019731	76.52	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	849064	137.33	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1994984	80.49	ng		0.00
78) Terphenyl-d14	20.15	244	3149851	66.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	100651	29.77	ng		96
3) Pyridine	3.99	79	327032	34.58	ng		95
4) n-Nitrosodimethylamine	3.90	42	190870	35.29	ng		98
6) Aniline	7.49	93	416348	26.71	ng		94
8) 2-Chlorophenol	7.72	128	354363	41.02	ng		98
10) Phenol	7.34	94	537637	43.27	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	383334	37.48	ng		93
12) 1,3-Dichlorobenzene	8.05	146	388852	36.99	ng		97
13) 1,4-Dichlorobenzene	8.20	146	390476	37.05	ng		96
14) 1,2-Dichlorobenzene	8.52	146	384655	38.38	ng		94
15) Benzyl Alcohol	8.40	79	442936	40.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	422436	37.34	ng		99
17) 2-Methylphenol	8.60	107	348281	42.52	ng		95
18) Hexachloroethane	9.26	117	162033	37.14	ng		88
19) n-Nitroso-di-n-propylamine	8.97	70	368093	37.60	ng		98
20) 3+4-Methylphenols	8.93	107	477691	42.34	ng		93
22) Acetophenone	8.99	105	630138	38.65	ng	#	92
24) Nitrobenzene	9.38	77	548464	37.24	ng		97
25) Isophorone	9.90	82	966594	37.37	ng		97
26) 2-Nitrophenol	10.09	139	215289	40.58	ng		94
27) 2,4-Dimethylphenol	10.14	122	385795	38.06	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	554636	39.27	ng		99
29) 2,4-Dichlorophenol	10.63	162	431774	43.72	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	440485	37.57	ng		93
31) Naphthalene	11.04	128	1077804	38.02	ng		99
32) Benzoic acid	10.27	122	308093	46.66	ng		95
33) 4-Chloroaniline	11.15	127	94031	7.70	ng		97
34) Hexachlorobutadiene	11.32	225	351221	38.54	ng		98
35) Caprolactam	11.92	113	152127m	48.90	ng		
36) 4-Chloro-3-methylphenol	12.26	107	524684	43.28	ng		92
37) 2-Methylnaphthalene	12.63	142	834989	37.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	567154	38.22	ng		97
40) Hexachlorocyclopentadiene	12.97	237	831554	70.19	ng		98
42) 2,4,6-Trichlorophenol	13.23	196	408738	42.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	438870	44.08	ng		92
45) 1,1'-Biphenyl	13.63	154	1176117	39.28	ng		99
46) 2-Chloronaphthalene	13.68	162	958104	38.89	ng		96
47) 2-Nitroaniline	13.88	65	412146	43.34	ng		96
48) Acenaphthylene	14.52	152	1447660	40.51	ng		96
49) Dimethylphthalate	14.25	163	1318296	40.43	ng		98
50) 2,6-Dinitrotoluene	14.37	165	307688	43.42	ng		92
51) Acenaphthene	14.86	154	943525	35.84	ng		97
52) 3-Nitroaniline	14.70	138	165769	25.00	ng		83
53) 2,4-Dinitrophenol	14.90	184	425530	97.50	ng		96
54) Dibenzofuran	15.20	168	1528095	40.07	ng		99
55) 4-Nitrophenol	15.00	139	528763	94.31	ng		96
56) 2,4-Dinitrotoluene	15.15	165	457015	46.56	ng		94
57) Fluorene	15.85	166	1260794	41.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	466752m	45.21	ng		
59) Diethylphthalate	15.61	149	1389157	41.44	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	756366	41.75	ng		99
61) 4-Nitroaniline	15.87	138	313699	45.86	ng		91
62) Azobenzene	16.12	77	1413607	38.94	ng		95
64) 4,6-Dinitro-2-methylphenol	15.91	198	320165	43.91	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1220162	38.57	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	536577	38.05	ng		97
67) Hexachlorobenzene	16.85	284	580471	38.92	ng		95
68) Atrazine	17.00	200	549373	41.13	ng		97
69) Pentachlorophenol	17.19	266	854182	83.23	ng		99
70) Phenanthrene	17.60	178	2132026	38.46	ng		96
71) Anthracene	17.69	178	2165425	37.95	ng		97
72) Carbazole	17.96	167	1968603	40.70	ng		98
73) Di-n-butylphthalate	18.50	149	2282133	40.52	ng		97
74) Fluoranthene	19.60	202	2603195	40.76	ng		95
76) Benzidine	19.78	184	1490700	111.52	ng		99
77) Pyrene	19.97	202	2639759	39.48	ng		96
79) Butylbenzylphthalate	20.84	149	1173746	40.55	ng		93
80) Benzo(a)anthracene	21.83	228	2771633	39.90	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	564985	19.69	ng		95
82) Chrysene	21.90	228	2609669	39.98	ng		93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1564444	38.38	ng	#	97
84) Di-n-octyl phthalate	22.99	149	2584064	38.46	ng		99
85) Indeno(1,2,3-cd)pyrene	29.08	276	3476293	40.52	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3081675	40.38	ng		96
88) Benzo(k)fluoranthene	24.21	252	2881784	39.94	ng	#	95
89) Benzo(a)pyrene	25.05	252	2993844	40.24	ng	#	97
90) Dibenzo(a,h)anthracene	29.16	278	2894745	41.33	ng	#	96
91) Benzo(g,h,i)perylene	30.28	276	2870523	40.26	ng	#	95

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

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