Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022686.D
Acq On : 28 Jun 2016 21:46
Operator : UM/SJ
Sample : PB91509BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91509BSD

Quant Time: Jun 29 04:18:54 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	132889	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	560496	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	415415	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1081782	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1219002	20.00	ng		0.00
86) Perylene-d12	25.21	264	1210428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1111659	134.17	ng		0.00
7) Phenol-d6	7.31	99	1652373	141.49	ng		0.00
23) Nitrobenzene-d5	9.33	82	1130731	85.38	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	920077	140.82	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2175440	83.05	ng		0.00
78) Terphenyl-d14	20.15	244	3291053	71.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	108278	32.25	ng	#	94
3) Pyridine	3.98	79	352073	37.48	ng		94
4) n-Nitrosodimethylamine	3.90	42	192471	35.82	ng		89
6) Aniline	7.48	93	522403	33.74	ng		98
8) 2-Chlorophenol	7.72	128	384648	44.82	ng		99
9) Benzaldehyde	7.30	77	12877	3.13	ng	#	53
10) Phenol	7.34	94	592328	47.99	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	412218	40.57	ng		98
12) 1,3-Dichlorobenzene	8.05	146	406038	38.88	ng		93
13) 1,4-Dichlorobenzene	8.20	146	423477	40.45	ng		97
14) 1,2-Dichlorobenzene	8.52	146	403054	40.48	ng		96
15) Benzyl Alcohol	8.40	79	507099	46.93	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	458266	40.78	ng		96
17) 2-Methylphenol	8.60	107	370686	45.56	ng		98
18) Hexachloroethane	9.25	117	171037	39.47	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	403149	41.45	ng		97
20) 3+4-Methylphenols	8.93	107	529032	47.21	ng		96
22) Acetophenone	8.98	105	684804	42.26	ng	#	91
24) Nitrobenzene	9.38	77	592514	40.48	ng		93
25) Isophorone	9.89	82	1049033	40.81	ng		98
26) 2-Nitrophenol	10.09	139	241169	45.74	ng	#	84
27) 2,4-Dimethylphenol	10.14	122	411798	40.88	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	593102	42.25	ng		98
29) 2,4-Dichlorophenol	10.62	162	461442	47.02	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	484009	41.54	ng		98
31) Naphthalene	11.03	128	1171368	41.58	ng		98
32) Benzoic acid	10.27	122	323612	49.02	ng		96
33) 4-Chloroaniline	11.14	127	274925	22.65	ng		95
34) Hexachlorobutadiene	11.32	225	368310	40.67	ng		98
35) Caprolactam	11.92	113	169808m	54.93	ng		
36) 4-Chloro-3-methylphenol	12.25	107	577557	47.94	ng		96
37) 2-Methylnaphthalene	12.63	142	906635	41.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	636231	40.57	ng		99
40) Hexachlorocyclopentadiene	12.97	237	801906	64.05	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	447980	44.55	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	483703	45.97	ng		97
45) 1,1'-Biphenyl	13.63	154	1272176	40.20	ng		99
46) 2-Chloronaphthalene	13.68	162	1040959	39.98	ng		97
47) 2-Nitroaniline	13.88	65	443747	44.15	ng		94
48) Acenaphthylene	14.52	152	1541529	40.82	ng		97
49) Dimethylphthalate	14.24	163	1433105	41.59	ng		96
50) 2,6-Dinitrotoluene	14.37	165	338853	45.25	ng		85
51) Acenaphthene	14.86	154	1038314	37.32	ng		98
52) 3-Nitroaniline	14.70	138	254614	36.34	ng		90
53) 2,4-Dinitrophenol	14.90	184	474360	102.85	ng		96
54) Dibenzofuran	15.19	168	1651631	40.99	ng		99
55) 4-Nitrophenol	15.00	139	551904	93.15	ng		91
56) 2,4-Dinitrotoluene	15.15	165	496644	47.88	ng		92
57) Fluorene	15.85	166	1359553	42.28	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	507260m	46.49	ng		
59) Diethylphthalate	15.61	149	1482327	41.84	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	811814	42.40	ng		97
61) 4-Nitroaniline	15.87	138	335318	46.38	ng	#	85
62) Azobenzene	16.13	77	1499737	39.09	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	339576	46.81	ng		98
65) n-Nitrosodiphenylamine	16.05	169	1297995	41.23	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	578753	41.24	ng		97
67) Hexachlorobenzene	16.85	284	608536	41.01	ng		96
68) Atrazine	17.00	200	402941	30.32	ng		96
69) Pentachlorophenol	17.20	266	875625	85.74	ng		99
70) Phenanthrene	17.60	178	2256209	40.90	ng		95
71) Anthracene	17.69	178	2236351	39.39	ng		98
72) Carbazole	17.96	167	2044397	42.48	ng		98
73) Di-n-butylphthalate	18.51	149	2372400	42.33	ng		98
74) Fluoranthene	19.60	202	2692650	42.37	ng		95
76) Benzidine	19.78	184	866111	66.74	ng		99
77) Pyrene	19.97	202	2713147	41.79	ng		95
79) Butylbenzylphthalate	20.83	149	1200622	42.72	ng		98
80) Benzo(a)anthracene	21.83	228	2890113	42.85	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	828219	29.73	ng	#	96
82) Chrysene	21.90	228	2739493m	43.22	ng		
83) Bis(2-ethylhexyl)phthalate	21.72	149	1593718	40.27	ng		97
84) Di-n-octyl phthalate	22.98	149	2627276	40.28	ng		98
85) Indeno(1,2,3-cd)pyrene	29.06	276	3442178	41.33	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3109693	42.73	ng		94
88) Benzo(k)fluoranthene	24.21	252	3061983	44.50	ng	#	96
89) Benzo(a)pyrene	25.05	252	3088435	43.53	ng		98
90) Dibenzo(a,h)anthracene	29.14	278	2894637	43.33	ng	#	96
91) Benzo(g,h,i)perylene	30.27	276	2813116	41.37	ng	#	95

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

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