Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023179.D
Acq On : 19 Jul 2016 16:47
Operator : UM/SJ
Sample : PB92266BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92266BS

Quant Time: Jul 20 01:10:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	97511	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	473363	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	369380	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	854044	20.00	ng		0.00
75) Chrysene-d12	21.87	240	881404	20.00	ng		0.00
86) Perylene-d12	25.27	264	863682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	793014	133.01	ng		0.00
7) Phenol-d6	7.30	99	1256979	134.61	ng		0.00
23) Nitrobenzene-d5	9.32	82	912551	82.55	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	609095	91.75	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1849259	78.86	ng		0.00
78) Terphenyl-d14	20.16	244	2521209	94.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	71183	30.72	ng		89
3) Pyridine	3.95	79	252010	31.78	ng		98
4) n-Nitrosodimethylamine	3.86	42	128648	37.81	ng	#	96
6) Aniline	7.46	93	372559	28.79	ng		94
8) 2-Chlorophenol	7.70	128	278641	43.92	ng		95
9) Benzaldehyde	7.27	77	101015	16.19	ng		91
10) Phenol	7.33	94	432897	45.06	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	293579	38.55	ng		91
12) 1,3-Dichlorobenzene	8.03	146	277593	35.74	ng		96
13) 1,4-Dichlorobenzene	8.17	146	293877	37.80	ng		95
14) 1,2-Dichlorobenzene	8.50	146	278566	36.04	ng		95
15) Benzyl Alcohol	8.38	79	386681	45.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	388012	41.71	ng		92
17) 2-Methylphenol	8.59	107	287996	46.05	ng		95
18) Hexachloroethane	9.23	117	121256	36.94	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	317056	37.66	ng		97
20) 3+4-Methylphenols	8.91	107	401876	46.07	ng		92
22) Acetophenone	8.97	105	505971	35.62	ng	#	92
24) Nitrobenzene	9.36	77	464663	39.56	ng		93
25) Isophorone	9.88	82	825201	37.11	ng		98
26) 2-Nitrophenol	10.08	139	185320	40.21	ng		88
27) 2,4-Dimethylphenol	10.13	122	319835	40.14	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	473356	38.17	ng		100
29) 2,4-Dichlorophenol	10.62	162	363816	42.81	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	346557	35.59	ng		98
31) Naphthalene	11.02	128	924029	38.35	ng		99
32) Benzoic acid	10.26	122	216624	29.88	ng		91
33) 4-Chloroaniline	11.13	127	248189	21.06	ng	#	92
34) Hexachlorobutadiene	11.30	225	247823	31.39	ng		96
35) Caprolactam	11.91	113	131895	37.73	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	463075	39.84	ng		96
37) 2-Methylnaphthalene	12.63	142	742633	38.99	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	455272	28.60	ng		99
40) Hexachlorocyclopentadiene	12.97	237	511519	55.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	345699	37.78	ng		94
43) 2,4,5-Trichlorophenol	13.31	196	347781	37.02	ng		95
45) 1,1'-Biphenyl	13.63	154	1059095	38.21	ng		98
46) 2-Chloronaphthalene	13.68	162	880352	39.16	ng		98
47) 2-Nitroaniline	13.88	65	388588	40.51	ng		98
48) Acenaphthylene	14.52	152	1325499	39.30	ng		99
49) Dimethylphthalate	14.24	163	1137497	37.70	ng		98
50) 2,6-Dinitrotoluene	14.37	165	263541	38.86	ng		89
51) Acenaphthene	14.86	154	866344	39.31	ng		100
52) 3-Nitroaniline	14.71	138	208988	30.91	ng		83
53) 2,4-Dinitrophenol	14.91	184	275590	59.23	ng		95
54) Dibenzofuran	15.20	168	1377346	41.75	ng		98
55) 4-Nitrophenol	15.02	139	395744	69.82	ng		92
56) 2,4-Dinitrotoluene	15.16	165	383953	38.84	ng		94
57) Fluorene	15.85	166	1106728	38.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	354206	37.68	ng		97
59) Diethylphthalate	15.60	149	1185521	38.62	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	616351	35.64	ng		99
61) 4-Nitroaniline	15.88	138	267914	36.62	ng	#	75
62) Azobenzene	16.13	77	1376010	46.86	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	213954	33.71	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1026040	41.70	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	402645	36.24	ng		99
67) Hexachlorobenzene	16.86	284	419426	34.72	ng		95
68) Atrazine	17.00	200	413893	37.92	ng		98
69) Pentachlorophenol	17.21	266	490246	62.66	ng		98
70) Phenanthrene	17.60	178	1717405	41.03	ng		99
71) Anthracene	17.69	178	1769579	41.75	ng		99
72) Carbazole	17.97	167	1561157	42.63	ng		99
73) Di-n-butylphthalate	18.51	149	1876222	46.07	ng		99
74) Fluoranthene	19.61	202	1958019	38.12	ng		97
76) Benzidine	19.79	184	873812	34.58	ng		99
77) Pyrene	19.98	202	2004835	40.48	ng		99
79) Butylbenzylphthalate	20.85	149	931624	47.49	ng		95
80) Benzo(a)anthracene	21.86	228	2022790	41.02	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	572270	26.44	ng	#	96
82) Chrysene	21.93	228	1857960	40.16	ng		97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1257826	46.17	ng	#	99
84) Di-n-octyl phthalate	23.00	149	2102997	46.29	ng		100
85) Indeno(1,2,3-cd)pyrene	29.14	276	1948503	33.04	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2008514	40.31	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	2002376	42.34	ng	#	97
89) Benzo(a)pyrene	25.11	252	1987107	41.60	ng	#	98
90) Dibenzo(a,h)anthracene	29.21	278	1666300	35.15	ng	#	94
91) Benzo(g,h,i)perylene	30.36	276	1471122	30.99	ng	#	91

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

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