Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022954.D
Acq On : 9 Jul 2016 6:46
Operator : UM/SJ
Sample : PB91977BSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91977BSD

Quant Time: Jul 11 01:29:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	100549	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	445708	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	344664	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	888575	20.00	ng		0.00
75) Chrysene-d12	21.85	240	977014	20.00	ng		0.00
86) Perylene-d12	25.21	264	1013647	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	873690	142.11	ng		0.00
7) Phenol-d6	7.31	99	1325370	137.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	904546	86.90	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	751691	121.35	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1862259	85.11	ng		0.00
78) Terphenyl-d14	20.15	244	2874832	99.65	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	268703	32.86	ng		99
4) n-Nitrosodimethylamine	3.88	42	134661	38.38	ng	#	96
6) Aniline	7.47	93	350027	26.23	ng		98
8) 2-Chlorophenol	7.72	128	294869	45.07	ng		93
9) Benzaldehyde	7.28	77	230541	35.83	ng		90
10) Phenol	7.34	94	455256	45.95	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	318430	40.55	ng		99
12) 1,3-Dichlorobenzene	8.04	146	309442	38.64	ng		97
13) 1,4-Dichlorobenzene	8.19	146	313336	39.08	ng		100
14) 1,2-Dichlorobenzene	8.51	146	303452	38.07	ng		99
15) Benzyl Alcohol	8.39	79	407075	46.16	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	368170	38.38	ng		98
17) 2-Methylphenol	8.60	107	297937	46.20	ng		92
18) Hexachloroethane	9.24	117	129068	38.14	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	320084	36.87	ng		93
20) 3+4-Methylphenols	8.93	107	412124	45.82	ng		95
22) Acetophenone	8.98	105	512414	38.31	ng	#	93
24) Nitrobenzene	9.37	77	475211	42.96	ng		96
25) Isophorone	9.89	82	825372	39.42	ng		98
26) 2-Nitrophenol	10.08	139	189677	43.70	ng		90
27) 2,4-Dimethylphenol	10.14	122	331722	44.22	ng		89
28) bis(2-Chloroethoxy)methane	10.37	93	458543	39.27	ng		99
29) 2,4-Dichlorophenol	10.62	162	366449	45.80	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	369052	40.25	ng		98
31) Naphthalene	11.03	128	924729	40.76	ng		100
32) Benzoic acid	10.27	122	232729	34.10	ng		93
33) 4-Chloroaniline	11.14	127	145621	13.12	ng		93
34) Hexachlorobutadiene	11.31	225	276815	37.24	ng		97
35) Caprolactam	11.91	113	129177m	39.24	ng		
36) 4-Chloro-3-methylphenol	12.26	107	448569	40.99	ng		98
37) 2-Methylnaphthalene	12.63	142	730315	40.73	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	486530	32.76	ng		98
40) Hexachlorocyclopentadiene	12.97	237	670340	78.40	ng		99
42) 2,4,6-Trichlorophenol	13.23	196	355782	41.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	387707	44.22	ng		93
45) 1,1'-Biphenyl	13.63	154	1039470	40.20	ng		99
46) 2-Chloronaphthalene	13.67	162	852142	40.62	ng		97
47) 2-Nitroaniline	13.88	65	358546	40.06	ng		93
48) Acenaphthylene	14.52	152	1290381	41.00	ng		99
49) Dimethylphthalate	14.24	163	1151515	40.90	ng		97
50) 2,6-Dinitrotoluene	14.37	165	266899	42.18	ng	#	80
51) Acenaphthene	14.86	154	846035	41.14	ng		97
52) 3-Nitroaniline	14.70	138	152818	24.22	ng		95
53) 2,4-Dinitrophenol	14.91	184	300741	69.27	ng		95
54) Dibenzofuran	15.20	168	1364872	44.34	ng		98
55) 4-Nitrophenol	15.02	139	435370	82.32	ng		90
56) 2,4-Dinitrotoluene	15.15	165	403397	43.73	ng		96
57) Fluorene	15.85	166	1129874	42.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	394639	44.99	ng		99
59) Diethylphthalate	15.60	149	1221810	42.65	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	664567	41.19	ng		97
61) 4-Nitroaniline	15.87	138	264001	38.67	ng	#	85
62) Azobenzene	16.13	77	1300754	47.47	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	247374	37.46	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1076432	42.05	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	463057	40.05	ng		95
67) Hexachlorobenzene	16.85	284	498988	39.70	ng		98
68) Atrazine	17.00	200	472668	41.62	ng		98
69) Pentachlorophenol	17.20	266	647858	79.59	ng		98
70) Phenanthrene	17.60	178	1882192	43.22	ng		98
71) Anthracene	17.69	178	1902355	43.14	ng		98
72) Carbazole	17.96	167	1655986	43.46	ng		99
73) Di-n-butylphthalate	18.50	149	1977126	46.66	ng		98
74) Fluoranthene	19.60	202	2240245	41.92	ng		98
76) Benzidine	19.78	184	1019898	36.41	ng		99
77) Pyrene	19.97	202	2236493	40.74	ng		98
79) Butylbenzylphthalate	20.84	149	955766	43.95	ng		96
80) Benzo(a)anthracene	21.83	228	2312662	42.31	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	570539	23.78	ng		95
82) Chrysene	21.90	228	2189440	42.70	ng		96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1300932	43.08	ng		97
84) Di-n-octyl phthalate	22.96	149	2154323	42.78	ng		98
85) Indeno(1,2,3-cd)pyrene	29.06	276	2792863	42.72	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2528713	43.24	ng		98
88) Benzo(k)fluoranthene	24.21	252	2328117	41.95	ng	#	97
89) Benzo(a)pyrene	25.05	252	2394190	42.71	ng	#	99
90) Dibenzo(a,h)anthracene	29.11	278	2326608	41.82	ng	#	96
91) Benzo(g,h,i)perylene	30.26	276	2308196	41.42	ng	#	98

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

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