Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023178.D
Acq On : 19 Jul 2016 16:07
Operator : UM/SJ
Sample : PB92224BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92224BS

Quant Time: Jul 20 01:07:36 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	99851	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	489175	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	364504	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	887468	20.00	ng		0.00
75) Chrysene-d12	21.87	240	887029	20.00	ng		0.00
86) Perylene-d12	25.27	264	860929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	821505	134.56	ng		0.00
7) Phenol-d6	7.30	99	1287323	134.63	ng		0.00
23) Nitrobenzene-d5	9.32	82	931366	81.53	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	618331	94.39	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1855540	80.18	ng		0.00
78) Terphenyl-d14	20.16	244	2551125	95.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	76051	32.05	ng		90
3) Pyridine	3.95	79	267026	32.88	ng		94
4) n-Nitrosodimethylamine	3.86	42	129215	37.09	ng	#	82
6) Aniline	7.46	93	397195	29.97	ng		96
8) 2-Chlorophenol	7.70	128	285956	44.01	ng		98
9) Benzaldehyde	7.27	77	109260	17.10	ng		94
10) Phenol	7.33	94	448365	45.57	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	312078	40.02	ng		93
12) 1,3-Dichlorobenzene	8.03	146	290334	36.51	ng		98
13) 1,4-Dichlorobenzene	8.18	146	305823	38.41	ng		97
14) 1,2-Dichlorobenzene	8.50	146	299752	37.87	ng		97
15) Benzyl Alcohol	8.38	79	395086	45.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	403656	42.38	ng		95
17) 2-Methylphenol	8.59	107	283866	44.32	ng		95
18) Hexachloroethane	9.23	117	129704	38.59	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	328493	38.11	ng		99
20) 3+4-Methylphenols	8.92	107	416645	46.65	ng		94
22) Acetophenone	8.97	105	526975	35.89	ng	#	93
24) Nitrobenzene	9.36	77	476141	39.22	ng		96
25) Isophorone	9.88	82	848300	36.92	ng		99
26) 2-Nitrophenol	10.08	139	187044	39.27	ng		91
27) 2,4-Dimethylphenol	10.13	122	326184	39.61	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	483645	37.74	ng		99
29) 2,4-Dichlorophenol	10.62	162	366671	41.75	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	350436	34.82	ng		98
31) Naphthalene	11.02	128	943920	37.91	ng		99
32) Benzoic acid	10.26	122	214985	28.70	ng		94
33) 4-Chloroaniline	11.13	127	245334	20.15	ng		95
34) Hexachlorobutadiene	11.30	225	256889	31.49	ng		99
35) Caprolactam	11.91	113	133379	36.92	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	468104	38.97	ng		98
37) 2-Methylnaphthalene	12.63	142	751001	38.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	465807	29.65	ng		99
40) Hexachlorocyclopentadiene	12.97	237	537242	59.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	338962	37.54	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	359774	38.80	ng	#	97
45) 1,1'-Biphenyl	13.63	154	1054133	38.54	ng		99
46) 2-Chloronaphthalene	13.68	162	870367	39.23	ng		97
47) 2-Nitroaniline	13.88	65	386018	40.78	ng		98
48) Acenaphthylene	14.52	152	1338329	40.21	ng		98
49) Dimethylphthalate	14.25	163	1147947	38.55	ng		98
50) 2,6-Dinitrotoluene	14.37	165	265382	39.66	ng		88
51) Acenaphthene	14.86	154	860255	39.56	ng		99
52) 3-Nitroaniline	14.71	138	208605	31.26	ng	#	84
53) 2,4-Dinitrophenol	14.91	184	290182	63.20	ng		91
54) Dibenzofuran	15.20	168	1398112	42.95	ng		96
55) 4-Nitrophenol	15.02	139	392321	70.14	ng		89
56) 2,4-Dinitrotoluene	15.16	165	391718	40.15	ng		92
57) Fluorene	15.85	166	1120522	39.99	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	347336	37.44	ng	#	95
59) Diethylphthalate	15.60	149	1205274	39.78	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	624342	36.59	ng		97
61) 4-Nitroaniline	15.87	138	267063	36.99	ng	#	80
62) Azobenzene	16.13	77	1383929	47.76	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	225950	34.26	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1057135	41.34	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	412450	35.72	ng		98
67) Hexachlorobenzene	16.86	284	422449	33.65	ng		96
68) Atrazine	17.00	200	412153	36.34	ng		97
69) Pentachlorophenol	17.21	266	501929	61.74	ng		99
70) Phenanthrene	17.60	178	1759797	40.46	ng		97
71) Anthracene	17.69	178	1806800	41.03	ng		99
72) Carbazole	17.97	167	1586151	41.68	ng		99
73) Di-n-butylphthalate	18.51	149	1902348	44.95	ng		98
74) Fluoranthene	19.61	202	1980940	37.11	ng		97
76) Benzidine	19.79	184	907806	35.70	ng		98
77) Pyrene	19.98	202	2014860	40.42	ng		98
79) Butylbenzylphthalate	20.85	149	932624	47.24	ng		95
80) Benzo(a)anthracene	21.86	228	2015023	40.60	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	564550	25.92	ng	#	98
82) Chrysene	21.92	228	1894818	40.70	ng		99
83) Bis(2-ethylhexyl)phthalate	21.73	149	1277574	46.60	ng		98
84) Di-n-octyl phthalate	23.01	149	2120525	46.38	ng		100
85) Indeno(1,2,3-cd)pyrene	29.15	276	2026281	34.14	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2072600	41.73	ng	#	98
88) Benzo(k)fluoranthene	24.26	252	1940605	41.17	ng	#	96
89) Benzo(a)pyrene	25.11	252	1999576	42.00	ng	#	98
90) Dibenzo(a,h)anthracene	29.22	278	1627710	34.44	ng	#	94
91) Benzo(g,h,i)perylene	30.36	276	1557674	32.91	ng	#	92

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

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