Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023035.D
Acq On : 12 Jul 2016 14:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 13 01:04:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	121844	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	571602	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	433652	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	999867	20.00	ng		0.00
75) Chrysene-d12	21.88	240	1102772	20.00	ng		0.03
86) Perylene-d12	25.26	264	1145686	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	560064	75.18	ng		0.00
7) Phenol-d6	7.31	99	928763	79.60	ng		0.00
23) Nitrobenzene-d5	9.33	82	1064130	79.72	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	514962	66.07	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	2157216	78.36	ng		0.00
78) Terphenyl-d14	20.17	244	2867887	81.03	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	112143	38.73	ng	#	95
3) Pyridine	3.97	79	372616	37.60	ng		93
4) n-Nitrosodimethylamine	3.88	42	162433	38.21	ng	#	80
6) Aniline	7.47	93	628281	38.85	ng		98
8) 2-Chlorophenol	7.72	128	316018	39.86	ng		96
9) Benzaldehyde	7.29	77	297915	38.21	ng		96
10) Phenol	7.34	94	489697	40.79	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	358057	37.63	ng		96
12) 1,3-Dichlorobenzene	8.04	146	364196	37.53	ng		96
13) 1,4-Dichlorobenzene	8.19	146	373132	38.41	ng		96
14) 1,2-Dichlorobenzene	8.51	146	368541	38.16	ng		97
15) Benzyl Alcohol	8.39	79	435021	40.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	453977	39.06	ng		93
17) 2-Methylphenol	8.60	107	307334	39.32	ng		92
18) Hexachloroethane	9.25	117	157539	38.41	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	401981	38.22	ng		97
20) 3+4-Methylphenols	8.93	107	448461	41.15	ng		98
22) Acetophenone	8.98	105	665574	38.80	ng	#	93
24) Nitrobenzene	9.37	77	573406	40.42	ng		92
25) Isophorone	9.89	82	1012155	37.70	ng		96
26) 2-Nitrophenol	10.09	139	222006	39.89	ng		97
27) 2,4-Dimethylphenol	10.14	122	377673	39.25	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	569044	38.00	ng		99
29) 2,4-Dichlorophenol	10.63	162	415233	40.47	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	461285	39.23	ng		98
31) Naphthalene	11.03	128	1151058	39.56	ng		99
32) Benzoic acid	10.29	122	322045	36.79	ng	#	88
33) 4-Chloroaniline	11.14	127	564701	39.69	ng		98
34) Hexachlorobutadiene	11.31	225	353810	37.12	ng		95
35) Caprolactam	11.92	113	147677	34.98	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	543441	38.72	ng		94
37) 2-Methylnaphthalene	12.63	142	926707	40.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	741862	39.70	ng		98
40) Hexachlorocyclopentadiene	12.97	237	477513	44.39	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	420325	39.13	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	422096	38.27	ng		93
45) 1,1'-Biphenyl	13.64	154	1324141	40.70	ng		96
46) 2-Chloronaphthalene	13.68	162	1075153	40.73	ng		97
47) 2-Nitroaniline	13.88	65	458727	40.73	ng		98
48) Acenaphthylene	14.53	152	1559759	39.39	ng		98
49) Dimethylphthalate	14.25	163	1294905	36.56	ng		99
50) 2,6-Dinitrotoluene	14.38	165	307252	38.59	ng		88
51) Acenaphthene	14.87	154	1031585	39.87	ng		98
52) 3-Nitroaniline	14.71	138	311050	39.18	ng		90
53) 2,4-Dinitrophenol	14.92	184	274846	50.31	ng		93
54) Dibenzofuran	15.21	168	1492125	38.53	ng		100
55) 4-Nitrophenol	15.02	139	233948	35.16	ng		95
56) 2,4-Dinitrotoluene	15.17	165	431979	37.22	ng		95
57) Fluorene	15.86	166	1263014	37.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	387876	35.15	ng		98
59) Diethylphthalate	15.61	149	1323387	36.72	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	746958	36.79	ng		99
61) 4-Nitroaniline	15.88	138	321638	37.44	ng	#	83
62) Azobenzene	16.14	77	1376676	39.93	ng		92
64) 4,6-Dinitro-2-methylphenol	15.93	198	272536	36.67	ng		99
65) n-Nitrosodiphenylamine	16.06	169	1168170	40.55	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	502463	38.62	ng		94
67) Hexachlorobenzene	16.86	284	546885	38.66	ng		98
68) Atrazine	17.01	200	496284	38.84	ng		96
69) Pentachlorophenol	17.21	266	331440	36.18	ng		98
70) Phenanthrene	17.61	178	1936099	39.51	ng		97
71) Anthracene	17.70	178	1955919	39.42	ng		98
72) Carbazole	17.97	167	1699335	39.64	ng		98
73) Di-n-butylphthalate	18.51	149	2023241	42.43	ng		99
74) Fluoranthene	19.62	202	2308595	38.39	ng		97
76) Benzidine	19.80	184	1404426	44.42	ng		98
77) Pyrene	19.98	202	2378359	38.38	ng		98
79) Butylbenzylphthalate	20.85	149	1022398	41.65	ng		95
80) Benzo(a)anthracene	21.86	228	2459670	39.87	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	1047282	38.67	ng	#	96
82) Chrysene	21.93	228	2298920	39.72	ng		97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1402931	41.16	ng		99
84) Di-n-octyl phthalate	23.00	149	2350869	41.36	ng		99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2741642	37.15	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2568089	38.85	ng	#	98
88) Benzo(k)fluoranthene	24.25	252	2539584	40.49	ng	#	97
89) Benzo(a)pyrene	25.11	252	2471999	39.01	ng	#	99
90) Dibenzo(a,h)anthracene	29.20	278	2400100	38.17	ng	#	93
91) Benzo(g,h,i)perylene	30.36	276	2360722	37.48	ng	#	95

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

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