Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
Data File : BG026395.D
Acq On : 23 Mar 2017 10:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 24 00:58:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	151482	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	644028	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	373698	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	887975	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1010264	20.00	ng		-0.01
86) Perylene-d12	24.80	264	1030885	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	696702	81.63	ng		0.00
7) Phenol-d6	7.20	99	888444	77.54	ng		0.00
23) Nitrobenzene-d5	9.20	82	799090	74.61	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	365116	85.32	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2083389	78.18	ng		0.00
78) Terphenyl-d14	19.98	244	3238313	77.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	151124	39.45	ng	#	67
3) Pyridine	3.90	79	405965	38.70	ng	#	59
4) n-Nitrosodimethylamine	3.81	42	102759	35.84	ng	#	1
6) Aniline	7.37	93	576687	37.68	ng	#	86
8) 2-Chlorophenol	7.61	128	384485	40.01	ng	#	80
9) Benzaldehyde	7.18	77	268724	34.74	ng	#	65
10) Phenol	7.23	94	466600	38.16	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	384728	38.37	ng	#	79
12) 1,3-Dichlorobenzene	7.94	146	466064	40.74	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	475002	41.05	ng	#	92
14) 1,2-Dichlorobenzene	8.40	146	448622	40.50	ng	#	90
15) Benzyl Alcohol	8.28	79	272261	36.24	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	364922	32.77	ng		78
17) 2-Methylphenol	8.48	107	336814	38.79	ng	#	82
18) Hexachloroethane	9.12	117	150118	39.67	ng		91
19) n-Nitroso-di-n-propylamine	8.84	70	261494	35.50	ng	#	66
20) 3+4-Methylphenols	8.81	107	469116	39.24	ng		85
22) Acetophenone	8.86	105	583142	39.37	ng	#	74
24) Nitrobenzene	9.24	77	389971	36.87	ng	#	72
25) Isophorone	9.76	82	747145	37.01	ng	#	87
26) 2-Nitrophenol	9.95	139	226833	41.22	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	363659	40.26	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	504229	38.45	ng		96
29) 2,4-Dichlorophenol	10.49	162	379665	41.56	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	434514	42.34	ng		99
31) Naphthalene	10.89	128	1279084	39.28	ng		100
32) Benzoic acid	10.14	122	267644	38.51	ng	#	68
33) 4-Chloroaniline	10.99	127	536510	40.51	ng	#	81
34) Hexachlorobutadiene	11.18	225	253211	41.82	ng		99
35) Caprolactam	11.76	113	139270	38.69	ng	#	46
36) 4-Chloro-3-methylphenol	12.11	107	381256	39.02	ng	#	73
37) 2-Methylnaphthalene	12.49	142	953211	39.96	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	466509	41.49	ng		97
40) Hexachlorocyclopentadiene	12.84	237	246088	41.58	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	305456	41.49	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	340370	41.83	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1213535	39.21	ng		99
46) 2-Chloronaphthalene	13.53	162	904346	40.01	ng		95
47) 2-Nitroaniline	13.73	65	231880	36.07	ng	#	50
48) Acenaphthylene	14.38	152	1543814	39.18	ng		99
49) Dimethylphthalate	14.10	163	1128377	40.00	ng		99
50) 2,6-Dinitrotoluene	14.22	165	281619	42.78	ng	#	56
51) Acenaphthene	14.71	154	957401	39.46	ng		99
52) 3-Nitroaniline	14.55	138	296514	40.91	ng	#	63
53) 2,4-Dinitrophenol	14.76	184	155927	40.83	ng	#	72
54) Dibenzofuran	15.04	168	1355433	39.67	ng	#	89
55) 4-Nitrophenol	14.85	139	241027	40.61	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	386451	41.74	ng	#	69
57) Fluorene	15.69	166	1203349	39.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	294842	41.54	ng	#	95
59) Diethylphthalate	15.45	149	1134448	39.35	ng		100
60) 4-Chlorophenyl-phenylether	15.68	204	591250	41.04	ng		88
61) 4-Nitroaniline	15.70	138	314313	40.99	ng	#	47
62) Azobenzene	15.97	77	841441	35.90	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	243630	43.52	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1034458	39.69	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	387398	42.39	ng		92
67) Hexachlorobenzene	16.70	284	418075	42.88	ng		89
68) Atrazine	16.83	200	396587	40.20	ng		97
69) Pentachlorophenol	17.04	266	261060	41.18	ng		96
70) Phenanthrene	17.42	178	1847262	38.74	ng		97
71) Anthracene	17.51	178	1912743	39.32	ng		100
72) Carbazole	17.78	167	1958590	39.10	ng		96
73) Di-n-butylphthalate	18.33	149	2000442	38.87	ng	#	94
74) Fluoranthene	19.42	202	2206086	39.34	ng		96
76) Benzidine	19.60	184	1158495	33.26	ng		99
77) Pyrene	19.79	202	2277261	38.93	ng		99
79) Butylbenzylphthalate	20.66	149	942406	40.26	ng	#	83
80) Benzo(a)anthracene	21.61	228	2258037	39.72	ng		100
81) 3,3'-Dichlorobenzidine	21.52	252	966682	41.54	ng		99
82) Chrysene	21.67	228	2158242	39.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1378774	39.00	ng		97
84) Di-n-octyl phthalate	22.69	149	2359544	39.11	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	2840480	42.35	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2380839	39.18	ng	#	96
88) Benzo(k)fluoranthene	23.86	252	2361315	40.07	ng	#	95
89) Benzo(a)pyrene	24.66	252	2297923	39.42	ng	#	95
90) Dibenzo(a,h)anthracene	28.49	278	2475547	42.03	ng	#	95
91) Benzo(g,h,i)perylene	29.57	276	2428410	40.91	ng	#	86

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

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