Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
Data File : BG026557.D
Acq On : 5 Apr 2017 14:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 00:59:37 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	160137	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	669684	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	384578	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	925385	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	1090927	20.00	ng		-0.01
86) Perylene-d12	24.80	264	1101705	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	750925	83.23	ng		0.00
7) Phenol-d6	7.20	99	946799	78.17	ng		0.00
23) Nitrobenzene-d5	9.20	82	851115	76.42	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	409704	93.03	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	2200016	80.22	ng		0.00
78) Terphenyl-d14	19.97	244	3438620	76.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	163021	40.26	ng	#	67
3) Pyridine	3.90	79	427189	38.52	ng	#	61
4) n-Nitrosodimethylamine	3.82	42	113084	37.30	ng	#	1
6) Aniline	7.37	93	618983	38.25	ng	#	85
8) 2-Chlorophenol	7.61	128	420075	41.35	ng	#	79
9) Benzaldehyde	7.18	77	265923	32.52	ng	#	62
10) Phenol	7.23	94	500764	38.74	ng	#	67
11) bis(2-Chloroethyl)ether	7.45	93	405414	38.25	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	504714	41.73	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	509086	41.61	ng	#	93
14) 1,2-Dichlorobenzene	8.39	146	486704	41.57	ng	#	89
15) Benzyl Alcohol	8.28	79	297129	37.42	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	395639	33.61	ng		78
17) 2-Methylphenol	8.48	107	360689	39.29	ng	#	80
18) Hexachloroethane	9.12	117	162107	40.52	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	276067	35.45	ng	#	70
20) 3+4-Methylphenols	8.81	107	500728	39.62	ng		84
22) Acetophenone	8.86	105	606981	39.41	ng	#	74
24) Nitrobenzene	9.24	77	414547	37.70	ng	#	70
25) Isophorone	9.76	82	771425	36.75	ng	#	88
26) 2-Nitrophenol	9.95	139	246065	43.00	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	385221	41.01	ng		84
28) bis(2-Chloroethoxy)methane	10.24	93	527400	38.67	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	413878	43.57	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	463819	43.47	ng		99
31) Naphthalene	10.89	128	1375493	40.62	ng		99
32) Benzoic acid	10.14	122	268760	37.19	ng	#	70
33) 4-Chloroaniline	10.99	127	567406	41.20	ng	#	80
34) Hexachlorobutadiene	11.18	225	276980	44.00	ng		98
35) Caprolactam	11.75	113	140793	37.62	ng	#	49
36) 4-Chloro-3-methylphenol	12.11	107	395658	38.94	ng	#	76
37) 2-Methylnaphthalene	12.48	142	1009976	40.72	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	503942	43.55	ng	#	96
40) Hexachlorocyclopentadiene	12.84	237	247331	40.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	321815	42.48	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	367927	43.94	ng	#	89
45) 1,1'-Biphenyl	13.48	154	1292851	40.59	ng		98
46) 2-Chloronaphthalene	13.53	162	958623	41.21	ng		95
47) 2-Nitroaniline	13.73	65	241607	36.52	ng	#	49
48) Acenaphthylene	14.37	152	1619999	39.95	ng		99
49) Dimethylphthalate	14.10	163	1168659	40.26	ng		98
50) 2,6-Dinitrotoluene	14.22	165	292084	43.11	ng	#	56
51) Acenaphthene	14.71	154	1004511	40.23	ng		99
52) 3-Nitroaniline	14.55	138	313284	42.00	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	126182	32.11	ng	#	73
54) Dibenzofuran	15.04	168	1433536	40.77	ng	#	89
55) 4-Nitrophenol	14.85	139	254484	41.66	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	402930	42.29	ng	#	67
57) Fluorene	15.69	166	1271493	40.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	320890	43.93	ng	#	94
59) Diethylphthalate	15.45	149	1172289	39.51	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	626888	42.28	ng	#	87
61) 4-Nitroaniline	15.70	138	333144	42.22	ng	#	50
62) Azobenzene	15.97	77	878236	36.41	ng		77
64) 4,6-Dinitro-2-methylphenol	15.77	198	242489	41.56	ng		83
65) n-Nitrosodiphenylamine	15.89	169	1093302	40.26	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	417453	43.83	ng		93
67) Hexachlorobenzene	16.70	284	450684	44.36	ng	#	89
68) Atrazine	16.83	200	419226	40.78	ng		98
69) Pentachlorophenol	17.03	266	280993	42.54	ng		97
70) Phenanthrene	17.42	178	1961443	39.47	ng		98
71) Anthracene	17.51	178	2026592	39.97	ng		99
72) Carbazole	17.78	167	2101702	40.26	ng		96
73) Di-n-butylphthalate	18.33	149	2061004	38.43	ng	#	94
74) Fluoranthene	19.42	202	2373851	40.62	ng		97
76) Benzidine	19.59	184	1167550	31.04	ng		99
77) Pyrene	19.78	202	2434474	38.54	ng		99
79) Butylbenzylphthalate	20.66	149	996462	39.43	ng	#	83
80) Benzo(a)anthracene	21.61	228	2414241	39.33	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	1031834	41.06	ng	#	97
82) Chrysene	21.67	228	2317627	39.51	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1435187	37.60	ng		96
84) Di-n-octyl phthalate	22.69	149	2435818	37.39	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.42	276	3031090	41.86	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2614324	40.25	ng	#	95
88) Benzo(k)fluoranthene	23.86	252	2533887	40.23	ng	#	95
89) Benzo(a)pyrene	24.65	252	2494721	40.05	ng	#	97
90) Dibenzo(a,h)anthracene	28.48	278	2617080	41.57	ng	#	94
91) Benzo(g,h,i)perylene	29.56	276	2610899	41.16	ng	#	89

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

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