Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
Data File : BG026544.D
Acq On : 4 Apr 2017 15:15
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 01:14:08 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	205963	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	859280	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	510737	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	1215385	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1357865	20.00	ng		0.00
86) Perylene-d12	24.81	264	1382808	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	907581	78.21	ng		0.00
7) Phenol-d6	7.21	99	1165686	74.82	ng		0.00
23) Nitrobenzene-d5	9.20	82	1064160	74.46	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	540275	92.37	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2787000	76.52	ng		0.00
78) Terphenyl-d14	19.98	244	4022971	71.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	193000	37.05	ng	#	66
3) Pyridine	3.90	79	522105	36.60	ng	#	59
4) n-Nitrosodimethylamine	3.82	42	140383	36.01	ng	#	1
6) Aniline	7.37	93	763655	36.69	ng	#	86
8) 2-Chlorophenol	7.61	128	516046	39.49	ng	#	79
9) Benzaldehyde	7.18	77	317908	30.23	ng	#	65
10) Phenol	7.23	94	616727	37.10	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	504909	37.04	ng	#	77
12) 1,3-Dichlorobenzene	7.93	146	615642	39.58	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	625512	39.75	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	600767	39.89	ng	#	88
15) Benzyl Alcohol	8.28	79	375321	36.75	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	484569	32.01	ng		79
17) 2-Methylphenol	8.48	107	446702	37.83	ng	#	80
18) Hexachloroethane	9.13	117	197173	38.32	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	351094	35.06	ng	#	70
20) 3+4-Methylphenols	8.81	107	622550	38.30	ng		86
22) Acetophenone	8.86	105	760310	38.48	ng	#	73
24) Nitrobenzene	9.25	77	522656	37.04	ng	#	71
25) Isophorone	9.76	82	993453	36.88	ng	#	87
26) 2-Nitrophenol	9.96	139	310416	42.28	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	491528	40.79	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	669253	38.25	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	519870	42.65	ng		91
30) 1,2,4-Trichlorobenzene	10.71	180	590862	43.16	ng		99
31) Naphthalene	10.89	128	1705509	39.26	ng		99
32) Benzoic acid	10.16	122	359340	38.75	ng	#	71
33) 4-Chloroaniline	11.00	127	726133	41.09	ng	#	81
34) Hexachlorobutadiene	11.18	225	349522	43.27	ng		97
35) Caprolactam	11.76	113	189314	39.42	ng	#	51
36) 4-Chloro-3-methylphenol	12.11	107	513261	39.37	ng	#	74
37) 2-Methylnaphthalene	12.49	142	1292639	40.62	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	645354	42.00	ng	#	97
40) Hexachlorocyclopentadiene	12.84	237	326500	40.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	422636	42.01	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	472522	42.49	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1653946	39.10	ng		98
46) 2-Chloronaphthalene	13.53	162	1235848	40.01	ng		96
47) 2-Nitroaniline	13.73	65	313429	35.68	ng	#	49
48) Acenaphthylene	14.37	152	2085364	38.72	ng		99
49) Dimethylphthalate	14.10	163	1531056	39.72	ng		99
50) 2,6-Dinitrotoluene	14.22	165	386631	42.97	ng	#	55
51) Acenaphthene	14.72	154	1297083	39.11	ng		99
52) 3-Nitroaniline	14.55	138	409180	41.30	ng	#	67
53) 2,4-Dinitrophenol	14.76	184	187174	35.86	ng	#	75
54) Dibenzofuran	15.04	168	1846159	39.54	ng		90
55) 4-Nitrophenol	14.86	139	328501	40.49	ng	#	36
56) 2,4-Dinitrotoluene	15.01	165	538611	42.56	ng	#	66
57) Fluorene	15.69	166	1648666	39.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	414446	42.73	ng	#	95
59) Diethylphthalate	15.46	149	1542101	39.14	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	822785	41.79	ng		88
61) 4-Nitroaniline	15.71	138	436038	41.61	ng	#	49
62) Azobenzene	15.97	77	1143541	35.69	ng		76
64) 4,6-Dinitro-2-methylphenol	15.77	198	333714	43.55	ng		83
65) n-Nitrosodiphenylamine	15.89	169	1421438	39.85	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	548329	43.83	ng		92
67) Hexachlorobenzene	16.70	284	592455	44.40	ng		90
68) Atrazine	16.83	200	536029	39.70	ng		96
69) Pentachlorophenol	17.04	266	361383	41.65	ng		99
70) Phenanthrene	17.42	178	2489894	38.15	ng		99
71) Anthracene	17.51	178	2579163	38.73	ng		97
72) Carbazole	17.78	167	2626657	38.31	ng		97
73) Di-n-butylphthalate	18.33	149	2601344	36.93	ng	#	95
74) Fluoranthene	19.43	202	2922565	38.08	ng		97
76) Benzidine	19.60	184	1411271	30.14	ng		99
77) Pyrene	19.79	202	2988897	38.01	ng		96
79) Butylbenzylphthalate	20.66	149	1236654	39.31	ng	#	83
80) Benzo(a)anthracene	21.61	228	2937982	38.45	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	1278640	40.88	ng		99
82) Chrysene	21.68	228	2816269	38.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.51	149	1763981	37.12	ng		95
84) Di-n-octyl phthalate	22.69	149	2982866	36.79	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3766401	41.78	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	3147710	38.61	ng	#	95
88) Benzo(k)fluoranthene	23.87	252	3115747	39.41	ng	#	96
89) Benzo(a)pyrene	24.66	252	3033855	38.80	ng	#	96
90) Dibenzo(a,h)anthracene	28.49	278	3222730	40.79	ng	#	92
91) Benzo(g,h,i)perylene	29.58	276	3188284	40.05	ng	#	87

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

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