Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
Data File : BG026636.D
Acq On : 12 Apr 2017 14:27
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 13 10:44:28 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	8.03	152	159611	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	700612	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	444456	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1082842	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1196611	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1210185	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	694104	77.19	ng		-0.01
7) Phenol-d6	7.19	99	931138	77.13	ng		-0.01
23) Nitrobenzene-d5	9.19	82	873680	74.98	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	456343	89.66	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2363787	74.58	ng		-0.01
78) Terphenyl-d14	19.97	244	3689077	74.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	152591	37.80	ng	#	67
3) Pyridine	3.89	79	355166m	32.13	ng		
4) n-Nitrosodimethylamine	3.80	42	110339	36.52	ng	#	1
6) Aniline	7.35	93	321160	19.91	ng	#	87
8) 2-Chlorophenol	7.60	128	399290	39.43	ng	#	79
9) Benzaldehyde	7.16	77	337693	41.43	ng	#	65
10) Phenol	7.22	94	485777	37.70	ng	#	70
11) bis(2-Chloroethyl)ether	7.45	93	407863	38.61	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	478627	39.71	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	488978	40.10	ng	#	93
14) 1,2-Dichlorobenzene	8.39	146	467681	40.07	ng	#	90
15) Benzyl Alcohol	8.26	79	257548	32.54	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	391417	33.36	ng		79
17) 2-Methylphenol	8.47	107	359719	39.31	ng	#	81
18) Hexachloroethane	9.12	117	152915	38.35	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	294743	37.98	ng	#	69
20) 3+4-Methylphenols	8.80	107	506081	40.18	ng		86
22) Acetophenone	8.85	105	620002	38.48	ng	#	73
24) Nitrobenzene	9.23	77	422610	36.73	ng	#	72
25) Isophorone	9.75	82	838125	38.16	ng	#	88
26) 2-Nitrophenol	9.94	139	250037	41.77	ng	#	60
27) 2,4-Dimethylphenol	10.00	122	396751	40.38	ng		84
28) bis(2-Chloroethoxy)methane	10.23	93	551202	38.64	ng		98
29) 2,4-Dichlorophenol	10.48	162	427758	43.04	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	461035	41.30	ng		99
31) Naphthalene	10.88	128	1379931	38.95	ng		99
32) Benzoic acid	10.14	122	268535	35.52	ng	#	72
33) 4-Chloroaniline	10.99	127	323994	22.49	ng	#	81
34) Hexachlorobutadiene	11.17	225	268789	40.81	ng		99
35) Caprolactam	11.75	113	170932	43.65	ng	#	52
36) 4-Chloro-3-methylphenol	12.11	107	437129	41.12	ng	#	72
37) 2-Methylnaphthalene	12.48	142	1066192	41.09	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	536503	40.12	ng	#	97
40) Hexachlorocyclopentadiene	12.83	237	268686	38.17	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	353377	40.36	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	399346	41.26	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1397049	37.95	ng		96
46) 2-Chloronaphthalene	13.52	162	1036205	38.54	ng		96
47) 2-Nitroaniline	13.72	65	279778	36.60	ng	#	54
48) Acenaphthylene	14.36	152	1807728	38.57	ng		99
49) Dimethylphthalate	14.09	163	1350543	40.26	ng		99
50) 2,6-Dinitrotoluene	14.21	165	338762	43.27	ng	#	56
51) Acenaphthene	14.70	154	1111473	38.51	ng		99
52) 3-Nitroaniline	14.54	138	319473	37.06	ng	#	65
53) 2,4-Dinitrophenol	14.75	184	179004	39.41	ng	#	75
54) Dibenzofuran	15.04	168	1598349	39.34	ng	#	89
55) 4-Nitrophenol	14.85	139	281729	39.91	ng	#	40
56) 2,4-Dinitrotoluene	15.00	165	468077	42.51	ng	#	69
57) Fluorene	15.68	166	1442226	39.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	354731	42.02	ng	#	94
59) Diethylphthalate	15.44	149	1362826	39.75	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	714293	41.69	ng		88
61) 4-Nitroaniline	15.70	138	347927	38.15	ng	#	49
62) Azobenzene	15.96	77	1007003	36.12	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	290213	42.51	ng		84
65) n-Nitrosodiphenylamine	15.88	169	1243911	39.14	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	478756	42.96	ng		93
67) Hexachlorobenzene	16.69	284	512337	43.09	ng	#	89
68) Atrazine	16.82	200	451977	37.57	ng		97
69) Pentachlorophenol	17.03	266	301215	38.97	ng		98
70) Phenanthrene	17.42	178	2205808	37.93	ng		99
71) Anthracene	17.51	178	2283028	38.48	ng		98
72) Carbazole	17.77	167	2322090	38.01	ng		97
73) Di-n-butylphthalate	18.32	149	2326596	37.07	ng	#	95
74) Fluoranthene	19.41	202	2601453	38.04	ng		97
76) Benzidine	19.61	184	140848	3.41	ng		98
77) Pyrene	19.78	202	2681075	38.69	ng		98
79) Butylbenzylphthalate	20.65	149	1080779	38.99	ng	#	82
80) Benzo(a)anthracene	21.60	228	2553147	37.91	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	1008787	36.59	ng		99
82) Chrysene	21.67	228	2493207	38.75	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	1540374	36.79	ng		97
84) Di-n-octyl phthalate	22.68	149	2614236	36.58	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.40	276	3259491	41.03	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2722851	38.17	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	2729549	39.45	ng	#	96
89) Benzo(a)pyrene	24.64	252	2667148	38.98	ng	#	95
90) Dibenzo(a,h)anthracene	28.46	278	2816704	40.73	ng	#	93
91) Benzo(g,h,i)perylene	29.54	276	2769355	39.75	ng	#	88

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

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