Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
Data File : BG025798.D
Acq On : 3 Feb 2017 17:18
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 03 22:04:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71993	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	320584	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	258223	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	591180	20.00	ng		0.00
75) Chrysene-d12	21.83	240	727630	20.00	ng		0.00
86) Perylene-d12	25.22	264	745644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	329853	82.11	ng		0.00
7) Phenol-d6	7.33	99	510146	86.95	ng		0.00
23) Nitrobenzene-d5	9.35	82	625821	82.48	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	274679	74.59	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1225094	77.05	ng		0.00
78) Terphenyl-d14	20.12	244	2375742	78.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	69000	37.89	ng		95
3) Pyridine	3.95	79	212374	42.97	ng		98
4) n-Nitrosodimethylamine	3.87	42	126784	44.60	ng	#	88
6) Aniline	7.49	93	354132	42.84	ng		98
8) 2-Chlorophenol	7.73	128	183945	40.34	ng		95
9) Benzaldehyde	7.30	77	197139	39.61	ng		99
10) Phenol	7.36	94	274034	41.56	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	226634	43.47	ng		93
12) 1,3-Dichlorobenzene	8.05	146	219261	39.32	ng		92
13) 1,4-Dichlorobenzene	8.20	146	230082	40.59	ng		98
14) 1,2-Dichlorobenzene	8.52	146	226548	41.71	ng		93
15) Benzyl Alcohol	8.41	79	220158	43.40	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.68	45	468811	44.53	ng		98
17) 2-Methylphenol	8.61	107	192154	42.66	ng		97
18) Hexachloroethane	9.24	117	95460	41.35	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	220426	42.58	ng		97
20) 3+4-Methylphenols	8.95	107	265252	43.15	ng		94
22) Acetophenone	9.00	105	359773	40.99	ng	#	95
24) Nitrobenzene	9.39	77	329462	39.77	ng		98
25) Isophorone	9.91	82	579338	39.19	ng	#	96
26) 2-Nitrophenol	10.11	139	129984	44.28	ng		94
27) 2,4-Dimethylphenol	10.15	122	211431	41.35	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	333547	42.62	ng		94
29) 2,4-Dichlorophenol	10.66	162	217542	41.46	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	244661	40.09	ng		97
31) Naphthalene	11.04	128	697913	41.94	ng		99
32) Benzoic acid	10.32	122	129151	40.51	ng		88
33) 4-Chloroaniline	11.17	127	291139	42.09	ng		92
34) Hexachlorobutadiene	11.30	225	190437	38.36	ng		98
35) Caprolactam	11.94	113	90796	40.61	ng		98
36) 4-Chloro-3-methylphenol	12.28	107	269659	42.19	ng		99
37) 2-Methylnaphthalene	12.64	142	523786	40.76	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	337044	38.98	ng		96
40) Hexachlorocyclopentadiene	12.96	237	95969	35.57	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	199221	39.35	ng		98
43) 2,4,5-Trichlorophenol	13.34	196	216852	39.68	ng		99
45) 1,1'-Biphenyl	13.63	154	732969	40.80	ng		95
46) 2-Chloronaphthalene	13.68	162	575185	40.77	ng		99
47) 2-Nitroaniline	13.90	65	257205	42.36	ng		96
48) Acenaphthylene	14.52	152	945591	40.29	ng		99
49) Dimethylphthalate	14.24	163	740579	38.08	ng		98
50) 2,6-Dinitrotoluene	14.38	165	170362	38.69	ng		95
51) Acenaphthene	14.86	154	586834	40.47	ng		98
52) 3-Nitroaniline	14.72	138	161141	38.81	ng		91
53) 2,4-Dinitrophenol	14.96	184	78726	35.80	ng		90
54) Dibenzofuran	15.19	168	894967	40.85	ng		98
55) 4-Nitrophenol	15.06	139	107198	36.64	ng		91
56) 2,4-Dinitrotoluene	15.19	165	258520	40.12	ng	#	80
57) Fluorene	15.84	166	783259	40.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	202092	39.57	ng		99
59) Diethylphthalate	15.59	149	791321	38.39	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	413362	39.17	ng		98
61) 4-Nitroaniline	15.89	138	167298	40.12	ng		92
62) Azobenzene	16.12	77	873214	41.63	ng		96
64) 4,6-Dinitro-2-methylphenol	15.95	198	157970	37.60	ng		82
65) n-Nitrosodiphenylamine	16.04	169	692851	40.83	ng		99
66) 4-Bromophenyl-phenylether	16.72	248	288265	40.09	ng		96
67) Hexachlorobenzene	16.84	284	313042	38.72	ng		98
68) Atrazine	16.98	200	311239	37.15	ng		97
69) Pentachlorophenol	17.20	266	124397	35.01	ng		97
70) Phenanthrene	17.59	178	1315007	40.93	ng		96
71) Anthracene	17.68	178	1349128	40.72	ng		98
72) Carbazole	17.96	167	1292795	40.29	ng		96
73) Di-n-butylphthalate	18.47	149	1424497	38.37	ng		97
74) Fluoranthene	19.59	202	1632299	37.07	ng		98
76) Benzidine	19.76	184	934554	37.40	ng		95
77) Pyrene	19.95	202	1669821	41.19	ng		99
79) Butylbenzylphthalate	20.80	149	696885	41.41	ng		98
80) Benzo(a)anthracene	21.81	228	1755246	40.73	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	692163	40.92	ng		97
82) Chrysene	21.88	228	1665220	40.88	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	989237	42.21	ng		98
84) Di-n-octyl phthalate	22.90	149	1668829	43.83	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2046790	41.22	ng	#	93
87) Benzo(b)fluoranthene	24.13	252	1797120	41.70	ng	#	97
88) Benzo(k)fluoranthene	24.20	252	1710967	40.56	ng	#	96
89) Benzo(a)pyrene	25.05	252	1710388	41.72	ng		98
90) Dibenzo(a,h)anthracene	29.16	278	1752649	41.34	ng	#	98
91) Benzo(g,h,i)perylene	30.35	276	1743068	41.38	ng	#	96

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

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