Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016457.D
Acq On : 16 Apr 2015 16:04
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 17 04:04:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	58509	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	266393	20.00	ng		-0.02
38) Acenaphthene-d10	14.30	164	157285	20.00	ng		-0.01
63) Phenanthrene-d10	17.05	188	328829	20.00	ng		-0.01
75) Chrysene-d12	21.23	240	292169	20.00	ng		0.00
86) Perylene-d12	23.46	264	282805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	298738	80.58	ng		-0.01
7) Phenol-d6	6.85	99	419548	75.39	ng		0.00
23) Nitrobenzene-d5	8.82	82	351738	76.49	ng		-0.02
41) 2,4,6-Tribromophenol	15.80	330	101564	95.48	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	744547	80.60	ng		-0.01
78) Terphenyl-d14	19.68	244	973083	77.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	62421	37.04	ng		97
3) Pyridine	3.53	79	183807	36.49	ng		92
4) n-Nitrosodimethylamine	3.45	42	52032	34.75	ng		90
6) Aniline	6.99	93	284891	35.84	ng		98
8) 2-Chlorophenol	7.23	128	179295	40.27	ng		95
9) Benzaldehyde	6.80	77	103698	31.81	ng		97
10) Phenol	6.88	94	222943	37.44	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	167072	35.19	ng		99
12) 1,3-Dichlorobenzene	7.55	146	181074	40.28	ng		97
13) 1,4-Dichlorobenzene	7.69	146	185683	39.81	ng		98
14) 1,2-Dichlorobenzene	8.01	146	175961	39.45	ng		97
15) Benzyl Alcohol	7.91	79	143374	36.96	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	169443	31.69	ng		96
17) 2-Methylphenol	8.12	107	150687	37.74	ng		97
18) Hexachloroethane	8.73	117	67531	37.85	ng		96
19) n-Nitroso-di-n-propylamine	8.46	70	134535	33.74	ng		97
20) 3+4-Methylphenols	8.45	107	210825	38.12	ng		98
22) Acetophenone	8.48	105	238592	38.63	ng	#	97
24) Nitrobenzene	8.86	77	183793	37.37	ng		90
25) Isophorone	9.38	82	383269	37.53	ng		97
26) 2-Nitrophenol	9.57	139	110383	48.14	ng		95
27) 2,4-Dimethylphenol	9.64	122	179736	42.08	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	214859	36.86	ng		98
29) 2,4-Dichlorophenol	10.11	162	156079	46.18	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	151035	42.80	ng		99
31) Naphthalene	10.50	128	554714	39.96	ng		99
32) Benzoic acid	9.76	122	64715	27.73	ng		97
33) 4-Chloroaniline	10.61	127	266158	40.86	ng		97
34) Hexachlorobutadiene	10.78	225	68008	43.88	ng		96
35) Caprolactam	11.40	113	102948	48.38	ng		90
36) 4-Chloro-3-methylphenol	11.76	107	186823	41.84	ng		93
37) 2-Methylnaphthalene	12.11	142	404044	40.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	146115	42.19	ng		98
40) Hexachlorocyclopentadiene	12.47	237	61621	38.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	121950	47.39	ng		99
43) 2,4,5-Trichlorophenol	12.82	196	127404	46.34	ng		95
45) 1,1'-Biphenyl	13.14	154	478660	39.67	ng		98
46) 2-Chloronaphthalene	13.18	162	368387	40.08	ng		98
47) 2-Nitroaniline	13.39	65	116604	39.36	ng		85
48) Acenaphthylene	14.03	152	654117	40.02	ng		99
49) Dimethylphthalate	13.77	163	468975	40.68	ng		99
50) 2,6-Dinitrotoluene	13.89	165	116300	41.71	ng		91
51) Acenaphthene	14.37	154	388814	39.81	ng		98
52) 3-Nitroaniline	14.22	138	152339	42.79	ng		90
53) 2,4-Dinitrophenol	14.43	184	45735	33.68	ng	#	89
54) Dibenzofuran	14.70	168	540045	39.85	ng		97
55) 4-Nitrophenol	14.56	139	131003	44.52	ng		92
56) 2,4-Dinitrotoluene	14.68	165	164919	43.43	ng		89
57) Fluorene	15.36	166	482671	40.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	101467	47.82	ng		92
59) Diethylphthalate	15.13	149	499384	40.70	ng		100
60) 4-Chlorophenyl-phenylether	15.35	204	198865	40.66	ng		97
61) 4-Nitroaniline	15.39	138	174007	43.06	ng		96
62) Azobenzene	15.64	77	452727	34.67	ng		96
64) 4,6-Dinitro-2-methylphenol	15.44	198	87922	38.80	ng		92
65) n-Nitrosodiphenylamine	15.57	169	446505	40.17	ng		99
66) 4-Bromophenyl-phenylether	16.24	248	108504	41.33	ng		94
67) Hexachlorobenzene	16.36	284	110434	40.47	ng		93
68) Atrazine	16.53	200	135357	43.69	ng		99
69) Pentachlorophenol	16.71	266	80540	48.34	ng		98
70) Phenanthrene	17.10	178	728254	39.37	ng		100
71) Anthracene	17.18	178	740120	40.38	ng		100
72) Carbazole	17.46	167	760891	41.36	ng		99
73) Di-n-butylphthalate	18.02	149	941344	41.82	ng		99
74) Fluoranthene	19.11	202	783406	41.09	ng		96
76) Benzidine	19.30	184	420971	33.98	ng		98
77) Pyrene	19.47	202	802066	39.42	ng		100
79) Butylbenzylphthalate	20.37	149	436936	43.71	ng		95
80) Benzo(a)anthracene	21.21	228	696079	40.31	ng		99
81) 3,3'-Dichlorobenzidine	21.16	252	248564	43.77	ng		100
82) Chrysene	21.27	228	650888	39.04	ng		99
83) Bis(2-ethylhexyl)phthalate	21.14	149	601711	44.47	ng		99
84) Di-n-octyl phthalate	22.02	149	1026888	46.58	ng		99
85) Indeno(1,2,3-cd)pyrene	25.74	276	768709	44.39	ng		97
87) Benzo(b)fluoranthene	22.79	252	658257	39.74	ng		99
88) Benzo(k)fluoranthene	22.84	252	653474	40.32	ng		98
89) Benzo(a)pyrene	23.37	252	632354	40.73	ng		99
90) Dibenzo(a,h)anthracene	25.76	278	632465	41.87	ng		97
91) Benzo(g,h,i)perylene	26.44	276	637793	42.27	ng		97

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

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