Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
Data File : BG017240.D
Acq On : 21 May 2015 8:22
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: May 21 09:09:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	51554	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	229806	20.00	ng		-0.02
38) Acenaphthene-d10	14.35	164	150291	20.00	ng		-0.01
63) Phenanthrene-d10	17.10	188	352131	20.00	ng		-0.01
75) Chrysene-d12	21.29	240	396893	20.00	ng		0.00
86) Perylene-d12	23.55	264	389796	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	223442	76.90	ng		-0.02
7) Phenol-d6	6.89	99	323011	79.21	ng		-0.02
23) Nitrobenzene-d5	8.86	82	382335	77.68	ng		-0.01
41) 2,4,6-Tribromophenol	15.85	330	140315	77.23	ng		0.00
44) 2-Fluorobiphenyl	12.97	172	749839	73.21	ng		-0.01
78) Terphenyl-d14	19.73	244	1330216	69.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	45965	40.09	ng		94
3) Pyridine	3.55	79	136915	39.47	ng		96
4) n-Nitrosodimethylamine	3.48	42	97456	37.02	ng	#	89
6) Aniline	7.03	93	221293	39.22	ng		98
8) 2-Chlorophenol	7.27	128	133482	38.40	ng		97
9) Benzaldehyde	6.83	77	96709	35.52	ng		91
10) Phenol	6.92	94	169560	39.21	ng		95
11) bis(2-Chloroethyl)ether	7.12	93	128296	39.57	ng		97
12) 1,3-Dichlorobenzene	7.58	146	141699	36.50	ng		97
13) 1,4-Dichlorobenzene	7.73	146	144843	36.96	ng		94
14) 1,2-Dichlorobenzene	8.04	146	138482	37.00	ng		99
15) Benzyl Alcohol	7.94	79	144455	36.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	215166	40.93	ng		98
17) 2-Methylphenol	8.16	107	119696	38.17	ng		91
18) Hexachloroethane	8.76	117	61830	37.77	ng		90
19) n-Nitroso-di-n-propylamine	8.50	70	135470	38.13	ng		96
20) 3+4-Methylphenols	8.49	107	168168	38.59	ng		94
22) Acetophenone	8.52	105	207374	37.18	ng		99
24) Nitrobenzene	8.90	77	188652	39.17	ng		96
25) Isophorone	9.42	82	345089	38.04	ng		98
26) 2-Nitrophenol	9.60	139	81049	37.65	ng	#	86
27) 2,4-Dimethylphenol	9.68	122	134659	38.00	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	174370	39.47	ng		94
29) 2,4-Dichlorophenol	10.15	162	131369	39.30	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	136800	36.07	ng		100
31) Naphthalene	10.54	128	424546	37.75	ng		97
32) Benzoic acid	9.84	122	78034	32.50	ng		88
33) 4-Chloroaniline	10.66	127	202433	38.06	ng		94
34) Hexachlorobutadiene	10.82	225	88095	36.69	ng		91
35) Caprolactam	11.43	113	63425	37.74	ng		91
36) 4-Chloro-3-methylphenol	11.81	107	171045	40.50	ng		95
37) 2-Methylnaphthalene	12.15	142	329247	36.92	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	157728	37.09	ng		98
40) Hexachlorocyclopentadiene	12.51	237	83657	32.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.78	196	113910	37.77	ng		98
43) 2,4,5-Trichlorophenol	12.87	196	125831	40.49	ng		95
45) 1,1'-Biphenyl	13.18	154	399917	36.94	ng		98
46) 2-Chloronaphthalene	13.22	162	325131	37.94	ng		96
47) 2-Nitroaniline	13.44	65	137086	41.11	ng		98
48) Acenaphthylene	14.07	152	563547	38.39	ng		99
49) Dimethylphthalate	13.82	163	432910	36.84	ng		98
50) 2,6-Dinitrotoluene	13.93	165	100433	38.57	ng		93
51) Acenaphthene	14.42	154	325177	37.50	ng		99
52) 3-Nitroaniline	14.27	138	119458	41.35	ng		95
53) 2,4-Dinitrophenol	14.48	184	49580	32.79	ng		94
54) Dibenzofuran	14.75	168	480958	37.31	ng		100
55) 4-Nitrophenol	14.62	139	89698	38.56	ng		95
56) 2,4-Dinitrotoluene	14.72	165	152126	41.88	ng		97
57) Fluorene	15.40	166	431529	37.82	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.99	232	111034	38.93	ng		98
59) Diethylphthalate	15.19	149	466976	36.99	ng		98
60) 4-Chlorophenyl-phenylether	15.40	204	213694	36.46	ng		98
61) 4-Nitroaniline	15.43	138	139357	43.23	ng		96
62) Azobenzene	15.69	77	481174	39.90	ng		96
64) 4,6-Dinitro-2-methylphenol	15.49	198	87104	36.09	ng		93
65) n-Nitrosodiphenylamine	15.62	169	399194	36.93	ng		98
66) 4-Bromophenyl-phenylether	16.30	248	138951	36.18	ng		98
67) Hexachlorobenzene	16.41	284	148000	36.52	ng		94
68) Atrazine	16.57	200	143626	36.32	ng		98
69) Pentachlorophenol	16.76	266	81940	32.39	ng		91
70) Phenanthrene	17.14	178	689992	38.00	ng		98
71) Anthracene	17.23	178	692156	37.61	ng		98
72) Carbazole	17.51	167	666426	39.41	ng		98
73) Di-n-butylphthalate	18.07	149	880921	38.93	ng		99
74) Fluoranthene	19.16	202	842355	38.63	ng		95
76) Benzidine	19.35	184	360475	27.82	ng		97
77) Pyrene	19.53	202	863375	35.46	ng		99
79) Butylbenzylphthalate	20.43	149	429494	38.79	ng		98
80) Benzo(a)anthracene	21.27	228	836984	36.80	ng		99
81) 3,3'-Dichlorobenzidine	21.21	252	323970	36.81	ng		99
82) Chrysene	21.33	228	798173	37.68	ng		99
83) Bis(2-ethylhexyl)phthalate	21.20	149	606052	38.52	ng		100
84) Di-n-octyl phthalate	22.08	149	1010038	38.55	ng		100
85) Indeno(1,2,3-cd)pyrene	25.87	276	971959	38.34	ng		97
87) Benzo(b)fluoranthene	22.87	252	853192	37.55	ng	#	96
88) Benzo(k)fluoranthene	22.91	252	824749	38.23	ng	#	98
89) Benzo(a)pyrene	23.45	252	793690	38.04	ng		98
90) Dibenzo(a,h)anthracene	25.88	278	811045	37.86	ng		98
91) Benzo(g,h,i)perylene	26.58	276	770426	38.21	ng	#	95

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

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