Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
Data File : BG017083.D
Acq On : 12 May 2015 10:51
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: May 12 17:45:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	36016	20.00	ng		-0.06
21) Naphthalene-d8	10.55	136	157129	20.00	ng		-0.05
38) Acenaphthene-d10	14.41	164	101476	20.00	ng		-0.04
63) Phenanthrene-d10	17.15	188	230405	20.00	ng		-0.04
75) Chrysene-d12	21.33	240	241730	20.00	ng		-0.04
86) Perylene-d12	23.62	264	234622	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	159871	77.29	ng		-0.04
7) Phenol-d6	6.95	99	222786	75.39	ng		-0.02
23) Nitrobenzene-d5	8.91	82	265069	82.41	ng		-0.05
41) 2,4,6-Tribromophenol	15.90	330	98995	97.18	ng		-0.04
44) 2-Fluorobiphenyl	13.03	172	568699	84.57	ng		-0.05
78) Terphenyl-d14	19.78	244	955180	92.63	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	31131	35.91	ng	#	1
3) Pyridine	3.62	79	91624	34.19	ng		96
4) n-Nitrosodimethylamine	3.55	42	71962	44.98	ng	#	83
6) Aniline	7.09	93	149150	35.94	ng		97
8) 2-Chlorophenol	7.33	128	96769	40.38	ng		92
9) Benzaldehyde	6.89	77	66847	30.61	ng		91
10) Phenol	6.97	94	116429	36.74	ng		93
11) bis(2-Chloroethyl)ether	7.19	93	84892	34.65	ng		92
12) 1,3-Dichlorobenzene	7.64	146	102426	38.76	ng		94
13) 1,4-Dichlorobenzene	7.78	146	105433	39.39	ng		92
14) 1,2-Dichlorobenzene	8.10	146	101888	39.67	ng		96
15) Benzyl Alcohol	8.00	79	103127	38.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	126269	27.84	ng		94
17) 2-Methylphenol	8.21	107	83494	37.42	ng		94
18) Hexachloroethane	8.83	117	43775	39.79	ng		91
19) n-Nitroso-di-n-propylamine	8.56	70	89247	34.44	ng		97
20) 3+4-Methylphenols	8.54	107	120340	39.13	ng		93
22) Acetophenone	8.58	105	146988	39.27	ng	#	96
24) Nitrobenzene	8.96	77	127544	39.27	ng		96
25) Isophorone	9.48	82	233161	35.90	ng		96
26) 2-Nitrophenol	9.66	139	59670	45.12	ng	#	91
27) 2,4-Dimethylphenol	9.74	122	96065	40.14	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	114938	35.06	ng		98
29) 2,4-Dichlorophenol	10.21	162	99338	43.93	ng		93
30) 1,2,4-Trichlorobenzene	10.41	180	104566	43.61	ng		94
31) Naphthalene	10.60	128	308581	39.48	ng		99
32) Benzoic acid	9.89	122	74097	50.40	ng		92
33) 4-Chloroaniline	10.71	127	146670	40.64	ng		98
34) Hexachlorobutadiene	10.88	225	65253	43.48	ng		92
35) Caprolactam	11.49	113	45703	38.91	ng	#	89
36) 4-Chloro-3-methylphenol	11.87	107	115956	40.05	ng	#	92
37) 2-Methylnaphthalene	12.21	142	234000	39.31	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	120149	43.80	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	72653	41.01	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	88983	45.77	ng		91
43) 2,4,5-Trichlorophenol	12.93	196	90024	43.63	ng		94
45) 1,1'-Biphenyl	13.24	154	296961	40.87	ng		94
46) 2-Chloronaphthalene	13.28	162	236058	41.02	ng		99
47) 2-Nitroaniline	13.49	65	91102	45.48	ng		93
48) Acenaphthylene	14.12	152	398972	39.81	ng		99
49) Dimethylphthalate	13.87	163	311481	41.11	ng		99
50) 2,6-Dinitrotoluene	13.99	165	74290	47.22	ng	#	90
51) Acenaphthene	14.46	154	234143	39.26	ng		99
52) 3-Nitroaniline	14.32	138	78897	44.08	ng		98
53) 2,4-Dinitrophenol	14.52	184	36827	51.18	ng	#	93
54) Dibenzofuran	14.81	168	351713	41.53	ng		98
55) 4-Nitrophenol	14.66	139	63738	42.00	ng	#	75
56) 2,4-Dinitrotoluene	14.77	165	105043	52.19	ng	#	97
57) Fluorene	15.45	166	307055	40.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	79405	44.60	ng	#	77
59) Diethylphthalate	15.23	149	326795	40.85	ng		98
60) 4-Chlorophenyl-phenylether	15.45	204	155419	41.26	ng		98
61) 4-Nitroaniline	15.48	138	90116	43.43	ng	#	80
62) Azobenzene	15.74	77	315838	38.13	ng		92
64) 4,6-Dinitro-2-methylphenol	15.53	198	64768	56.69	ng		95
65) n-Nitrosodiphenylamine	15.67	169	277610	39.47	ng		96
66) 4-Bromophenyl-phenylether	16.35	248	96492	41.72	ng		98
67) Hexachlorobenzene	16.46	284	103092	42.27	ng		96
68) Atrazine	16.62	200	106284	41.99	ng		98
69) Pentachlorophenol	16.80	266	65755	41.53	ng		87
70) Phenanthrene	17.19	178	475719	40.12	ng		97
71) Anthracene	17.29	178	477292	39.90	ng		98
72) Carbazole	17.56	167	442480	38.91	ng		99
73) Di-n-butylphthalate	18.12	149	597227	40.51	ng		99
74) Fluoranthene	19.21	202	574613	41.77	ng		96
76) Benzidine	19.40	184	303427	36.94	ng		100
77) Pyrene	19.58	202	573256	40.18	ng		97
79) Butylbenzylphthalate	20.48	149	267400	39.43	ng		96
80) Benzo(a)anthracene	21.32	228	558249	43.05	ng		99
81) 3,3'-Dichlorobenzidine	21.26	252	213838	42.23	ng		99
82) Chrysene	21.37	228	511526	42.11	ng		99
83) Bis(2-ethylhexyl)phthalate	21.25	149	369966	39.89	ng		99
84) Di-n-octyl phthalate	22.13	149	631743	40.54	ng	#	100
85) Indeno(1,2,3-cd)pyrene	25.97	276	637422	44.04	ng	#	100
87) Benzo(b)fluoranthene	22.93	252	542967	41.54	ng	#	97
88) Benzo(k)fluoranthene	22.98	252	540563m	42.99	ng		
89) Benzo(a)pyrene	23.52	252	506217	41.53	ng	#	97
90) Dibenzo(a,h)anthracene	25.99	278	539456	43.33	ng	#	96
91) Benzo(g,h,i)perylene	26.69	276	503937	42.51	ng	#	93

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

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