Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021114.D
Acq On : 27 Feb 2016 14:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 29 00:15:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8149	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	38473	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	23236	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	59086	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	67427	20.00	ng		-0.02
86) Perylene-d12	25.06	264	61482	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	39231	84.28	ng		0.00
7) Phenol-d6	7.31	99	60881	87.90	ng		-0.02
23) Nitrobenzene-d5	9.33	82	68850	85.27	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	22553	74.03	ng		-0.01
44) 2-Fluorobiphenyl	13.40	172	140329	77.28	ng		-0.01
78) Terphenyl-d14	20.10	244	235127	81.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	8202	38.05	ng		91
3) Pyridine	4.02	79	26843	42.58	ng		95
4) n-Nitrosodimethylamine	3.93	42	13016	40.72	ng		84
6) Aniline	7.49	93	38733	45.21	ng	#	90
8) 2-Chlorophenol	7.73	128	24292	41.85	ng		87
9) Benzaldehyde	7.30	77	17048	45.44	ng		88
10) Phenol	7.34	94	31791	44.80	ng		75
11) bis(2-Chloroethyl)ether	7.59	93	24312	44.70	ng		98
12) 1,3-Dichlorobenzene	8.06	146	25993	42.07	ng	#	92
13) 1,4-Dichlorobenzene	8.20	146	27087	41.04	ng		96
14) 1,2-Dichlorobenzene	8.53	146	25348	40.56	ng		97
15) Benzyl Alcohol	8.40	79	25980	42.94	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.70	45	33072	53.04	ng		91
17) 2-Methylphenol	8.60	107	21514	42.95	ng	#	86
18) Hexachloroethane	9.26	117	10290	41.21	ng	#	85
19) n-Nitroso-di-n-propylamine	8.97	70	24468	45.80	ng		94
20) 3+4-Methylphenols	8.93	107	29986	43.18	ng		91
22) Acetophenone	8.99	105	44000	41.43	ng	#	94
24) Nitrobenzene	9.38	77	36795	44.11	ng	#	87
25) Isophorone	9.90	82	66166	43.72	ng	#	97
26) 2-Nitrophenol	10.08	139	14377	40.76	ng	#	71
27) 2,4-Dimethylphenol	10.13	122	25689	41.29	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	31834	43.16	ng		99
29) 2,4-Dichlorophenol	10.62	162	23023	37.81	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	25895	37.52	ng		98
31) Naphthalene	11.03	128	77793	39.37	ng		97
32) Benzoic acid	10.27	122	22603	39.57	ng		84
33) 4-Chloroaniline	11.13	127	33963	41.15	ng	#	90
34) Hexachlorobutadiene	11.31	225	17113	37.05	ng		95
35) Caprolactam	11.91	113	9022	43.84	ng		90
36) 4-Chloro-3-methylphenol	12.23	107	30612	41.00	ng		90
37) 2-Methylnaphthalene	12.62	142	53520	38.56	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	32238	37.54	ng		99
40) Hexachlorocyclopentadiene	12.96	237	20534	36.37	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22001	40.86	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	23264	42.05	ng		92
45) 1,1'-Biphenyl	13.61	154	77762	39.74	ng		97
46) 2-Chloronaphthalene	13.66	162	60011	40.42	ng		100
47) 2-Nitroaniline	13.86	65	24240	50.39	ng	#	80
48) Acenaphthylene	14.50	152	97114	41.34	ng		98
49) Dimethylphthalate	14.23	163	81043	40.47	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	18184	44.14	ng	#	78
51) Acenaphthene	14.84	154	66546	41.53	ng		96
52) 3-Nitroaniline	14.67	138	18283	45.61	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	12167	42.36	ng	#	80
54) Dibenzofuran	15.17	168	82033	40.42	ng		91
55) 4-Nitrophenol	14.96	139	15979	44.94	ng	#	54
56) 2,4-Dinitrotoluene	15.12	165	25829	43.72	ng	#	83
57) Fluorene	15.82	166	80141	40.59	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	19015	39.54	ng	#	99
59) Diethylphthalate	15.58	149	89280	42.30	ng		97
60) 4-Chlorophenyl-phenylether	15.81	204	42049	38.71	ng		98
61) 4-Nitroaniline	15.83	138	21337	46.74	ng	#	58
62) Azobenzene	16.10	77	85157	46.57	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	17991	41.51	ng		96
65) n-Nitrosodiphenylamine	16.02	169	69126	39.66	ng		93
66) 4-Bromophenyl-phenylether	16.70	248	25558	36.74	ng	#	87
67) Hexachlorobenzene	16.82	284	26085	35.54	ng	#	93
68) Atrazine	16.96	200	25974	40.21	ng		100
69) Pentachlorophenol	17.15	266	18516	37.37	ng	#	88
70) Phenanthrene	17.55	178	127171	40.00	ng		99
71) Anthracene	17.64	178	131210	40.98	ng		99
72) Carbazole	17.91	167	116897	42.29	ng		97
73) Di-n-butylphthalate	18.46	149	160719	44.11	ng	#	98
74) Fluoranthene	19.55	202	156783	39.31	ng		97
76) Benzidine	19.72	184	79808	44.99	ng		98
77) Pyrene	19.91	202	160916	43.10	ng		98
79) Butylbenzylphthalate	20.78	149	70866	45.48	ng		89
80) Benzo(a)anthracene	21.76	228	158534	40.86	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	61929	40.79	ng		96
82) Chrysene	21.82	228	148543	39.76	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	106427	44.23	ng		95
84) Di-n-octyl phthalate	22.89	149	177161	43.93	ng		97
85) Indeno(1,2,3-cd)pyrene	28.81	276	170829	37.92	ng	#	100
87) Benzo(b)fluoranthene	24.02	252	155514	40.47	ng		98
88) Benzo(k)fluoranthene	24.08	252	154634	40.82	ng		96
89) Benzo(a)pyrene	24.91	252	148625	40.29	ng		96
90) Dibenzo(a,h)anthracene	28.88	278	144897	38.96	ng		99
91) Benzo(g,h,i)perylene	29.99	276	139630	38.98	ng		97

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

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