Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090275.D
Acq On : 28 Sep 2016 11:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 28 17:30:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	150314	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	603074	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	320077	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	482429	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	368717	20.00	ng		-0.01
86) Perylene-d12	14.90	264	372723	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	708435	76.82	ng		0.00
7) Phenol-d6	6.15	99	918851	80.68	ng		0.01
23) Nitrobenzene-d5	7.06	82	835194	80.28	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	232058	84.51	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1215614	74.56	ng		-0.01
78) Terphenyl-d14	12.56	244	1104686	76.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	172036	34.38	ng		99
3) Pyridine	2.46	79	398998	36.77	ng		98
4) n-Nitrosodimethylamine	2.41	42	129086	39.86	ng		96
6) Aniline	6.14	93	556151	39.18	ng	#	72
8) 2-Chlorophenol	6.26	128	405336	38.20	ng		90
9) Benzaldehyde	6.01	77	219865	44.30	ng		97
10) Phenol	6.16	94	553712	41.13	ng	#	61
11) bis(2-Chloroethyl)ether	6.23	93	407647	38.83	ng		94
12) 1,3-Dichlorobenzene	6.41	146	396652	35.78	ng	#	96
13) 1,4-Dichlorobenzene	6.49	146	411431	36.35	ng		97
14) 1,2-Dichlorobenzene	6.65	146	396804	39.36	ng	#	94
15) Benzyl Alcohol	6.64	79	263834	38.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.78	45	460603	36.71	ng		81
17) 2-Methylphenol	6.76	107	307602	36.80	ng		94
18) Hexachloroethane	6.99	117	157336	38.97	ng	#	81
19) n-Nitroso-di-n-propylamine	6.92	70	290615	43.44	ng		97
20) 3+4-Methylphenols	6.92	107	389898	38.86	ng		95
22) Acetophenone	6.90	105	543983	37.41	ng	#	96
24) Nitrobenzene	7.07	77	389020	35.89	ng		95
25) Isophorone	7.32	82	805343	37.05	ng		99
26) 2-Nitrophenol	7.39	139	229598	43.01	ng		94
27) 2,4-Dimethylphenol	7.45	122	350917	37.00	ng		97
28) bis(2-Chloroethoxy)methane	7.54	93	497861	37.87	ng		100
29) 2,4-Dichlorophenol	7.64	162	321646	38.67	ng		99
30) 1,2,4-Trichlorobenzene	7.71	180	306638	36.91	ng		99
31) Naphthalene	7.79	128	1186468	41.32	ng		99
32) Benzoic acid	7.64	122	306933	47.15	ng		98
33) 4-Chloroaniline	7.85	127	450169	37.79	ng		98
34) Hexachlorobutadiene	7.92	225	176720	40.32	ng		97
35) Caprolactam	8.26	113	112106	40.72	ng	#	71
36) 4-Chloro-3-methylphenol	8.34	107	358219	38.10	ng		97
37) 2-Methylnaphthalene	8.48	142	720175	40.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	297662	40.52	ng		97
40) Hexachlorocyclopentadiene	8.63	237	147098	40.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	219929	42.01	ng		99
43) 2,4,5-Trichlorophenol	8.81	196	209945	38.73	ng		95
45) 1,1'-Biphenyl	8.95	154	951542	41.55	ng		96
46) 2-Chloronaphthalene	8.96	162	601420	35.60	ng		98
47) 2-Nitroaniline	9.06	65	189178	37.14	ng	#	81
48) Acenaphthylene	9.37	152	1041933	37.98	ng		99
49) Dimethylphthalate	9.26	163	734846	36.05	ng		98
50) 2,6-Dinitrotoluene	9.31	165	168814	37.15	ng		92
51) Acenaphthene	9.54	154	607084	37.28	ng		100
52) 3-Nitroaniline	9.47	138	184029	34.54	ng		90
53) 2,4-Dinitrophenol	9.59	184	105824	43.15	ng		96
54) Dibenzofuran	9.71	168	829628	38.71	ng		96
55) 4-Nitrophenol	9.66	139	130322	35.71	ng		82
56) 2,4-Dinitrotoluene	9.71	165	205612	38.27	ng		98
57) Fluorene	10.06	166	686573	42.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	161998	39.92	ng		99
59) Diethylphthalate	9.95	149	803807	40.83	ng		98
60) 4-Chlorophenyl-phenylether	10.06	204	287318	39.01	ng	#	80
61) 4-Nitroaniline	10.09	138	220182	40.55	ng		93
62) Azobenzene	10.20	77	722485	35.25	ng		97
64) 4,6-Dinitro-2-methylphenol	10.12	198	139957	46.32	ng		90
65) n-Nitrosodiphenylamine	10.17	169	611351	38.54	ng		98
66) 4-Bromophenyl-phenylether	10.54	248	191038	40.24	ng	#	91
67) Hexachlorobenzene	10.59	284	202720	36.64	ng	#	86
68) Atrazine	10.72	200	195030	44.86	ng		100
69) Pentachlorophenol	10.80	266	135477	43.14	ng		97
70) Phenanthrene	11.00	178	956655	42.40	ng		99
71) Anthracene	11.05	178	941079	39.77	ng		100
72) Carbazole	11.21	167	896349	35.83	ng		98
73) Di-n-butylphthalate	11.56	149	1216152	41.81	ng		99
74) Fluoranthene	12.17	202	870329	35.94	ng		99
76) Benzidine	12.31	184	426067	34.52	ng	#	95
77) Pyrene	12.40	202	998118	39.56	ng		100
79) Butylbenzylphthalate	13.04	149	522316	42.32	ng	#	85
80) Benzo(a)anthracene	13.58	228	812273	40.95	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	320766	39.21	ng	#	98
82) Chrysene	13.62	228	689754	35.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	898865	56.91	ng	#	97
84) Di-n-octyl phthalate	14.22	149	1331298m	48.93	ng		
85) Indeno(1,2,3-cd)pyrene	16.06	276	764607	48.94	ng		96
87) Benzo(b)fluoranthene	14.57	252	755042m	36.58	ng		
88) Benzo(k)fluoranthene	14.59	252	731072m	37.74	ng		
89) Benzo(a)pyrene	14.86	252	711225	36.63	ng	#	96
90) Dibenzo(a,h)anthracene	16.07	278	625052	41.26	ng		98
91) Benzo(g,h,i)perylene	16.40	276	612803	41.33	ng	#	91

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

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