Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090283.D
Acq On : 28 Sep 2016 17:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 28 18:59:00 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	6.47	152	140353	20.00	ng		-0.01
21) Naphthalene-d8	7.76	136	558157	20.00	ng		-0.01
38) Acenaphthene-d10	9.51	164	308889	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	489654	20.00	ng		-0.01
75) Chrysene-d12	13.60	240	337994	20.00	ng		0.00
86) Perylene-d12	14.91	264	312185	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	688073	79.91	ng		-0.01
7) Phenol-d6	6.14	99	866960	81.53	ng		0.00
23) Nitrobenzene-d5	7.05	82	788311	81.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	228671	86.29	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1190495	75.66	ng		-0.01
78) Terphenyl-d14	12.56	244	1172917	88.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	169609	36.30	ng		93
3) Pyridine	2.42	79	389536	38.45	ng		97
4) n-Nitrosodimethylamine	2.39	42	128145	42.38	ng		97
6) Aniline	6.12	93	488300	36.84	ng	#	71
8) 2-Chlorophenol	6.25	128	366548	37.00	ng		97
9) Benzaldehyde	6.00	77	207401	44.75	ng		94
10) Phenol	6.15	94	528337	42.03	ng	#	67
11) bis(2-Chloroethyl)ether	6.22	93	404357	41.25	ng		95
12) 1,3-Dichlorobenzene	6.41	146	411529m	39.76	ng		
13) 1,4-Dichlorobenzene	6.49	146	416516	39.41	ng		98
14) 1,2-Dichlorobenzene	6.64	146	336790m	35.77	ng		
15) Benzyl Alcohol	6.64	79	267830	42.24	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.76	45	458972	39.18	ng	#	37
17) 2-Methylphenol	6.76	107	312762	40.08	ng	#	92
18) Hexachloroethane	6.98	117	151530	40.20	ng		92
19) n-Nitroso-di-n-propylamine	6.91	70	277626	44.44	ng		98
20) 3+4-Methylphenols	6.92	107	412036	43.98	ng		96
22) Acetophenone	6.90	105	548674	40.76	ng	#	98
24) Nitrobenzene	7.06	77	366180	36.50	ng		99
25) Isophorone	7.31	82	740312	36.80	ng		99
26) 2-Nitrophenol	7.38	139	196712	39.82	ng		95
27) 2,4-Dimethylphenol	7.44	122	342256	38.99	ng		96
28) bis(2-Chloroethoxy)methane	7.53	93	436326	35.86	ng		98
29) 2,4-Dichlorophenol	7.63	162	322794	41.93	ng		94
30) 1,2,4-Trichlorobenzene	7.70	180	304050	39.54	ng		99
31) Naphthalene	7.78	128	1061145	39.93	ng		100
32) Benzoic acid	7.60	122	126412	20.98	ng		98
33) 4-Chloroaniline	7.84	127	327049	29.67	ng		98
34) Hexachlorobutadiene	7.91	225	168839	41.62	ng		99
35) Caprolactam	8.25	113	103249	40.52	ng	#	84
36) 4-Chloro-3-methylphenol	8.34	107	330727	38.01	ng		99
37) 2-Methylnaphthalene	8.47	142	648530	39.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	255991	36.11	ng		98
40) Hexachlorocyclopentadiene	8.63	237	135528	38.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	217300	43.01	ng		99
43) 2,4,5-Trichlorophenol	8.81	196	205743	39.33	ng		96
45) 1,1'-Biphenyl	8.95	154	857057	38.78	ng		94
46) 2-Chloronaphthalene	8.96	162	597326	36.64	ng		98
47) 2-Nitroaniline	9.06	65	180468	36.72	ng		84
48) Acenaphthylene	9.37	152	1048750	39.61	ng		100
49) Dimethylphthalate	9.26	163	734213	37.32	ng		98
50) 2,6-Dinitrotoluene	9.31	165	163295	37.24	ng		90
51) Acenaphthene	9.54	154	602832	38.36	ng		99
52) 3-Nitroaniline	9.47	138	164491	32.00	ng		90
53) 2,4-Dinitrophenol	9.59	184	63089	27.86	ng		95
54) Dibenzofuran	9.71	168	825356	39.91	ng		98
55) 4-Nitrophenol	9.67	139	137137	38.94	ng		91
56) 2,4-Dinitrotoluene	9.71	165	200831	38.73	ng		95
57) Fluorene	10.06	166	667580	42.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	152973	39.06	ng		98
59) Diethylphthalate	9.95	149	952885	50.15	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	281453	39.60	ng	#	81
61) 4-Nitroaniline	10.09	138	198612	37.90	ng		90
62) Azobenzene	10.20	77	730525	36.94	ng		96
64) 4,6-Dinitro-2-methylphenol	10.12	198	103474	33.74	ng		93
65) n-Nitrosodiphenylamine	10.17	169	615296	38.21	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	186756	38.76	ng	#	88
67) Hexachlorobenzene	10.59	284	208100	37.06	ng	#	86
68) Atrazine	10.72	200	182101	41.27	ng		99
69) Pentachlorophenol	10.80	266	114432	35.90	ng		99
70) Phenanthrene	11.00	178	986541	43.08	ng		99
71) Anthracene	11.05	178	874418	36.41	ng		99
72) Carbazole	11.21	167	921545	36.29	ng		98
73) Di-n-butylphthalate	11.56	149	1151260	38.99	ng		100
74) Fluoranthene	12.17	202	932896	37.95	ng		98
76) Benzidine	12.32	184	160754	14.21	ng	#	64
77) Pyrene	12.40	202	888062	38.40	ng		100
79) Butylbenzylphthalate	13.04	149	500452	44.24	ng	#	75
80) Benzo(a)anthracene	13.58	228	785036	43.17	ng		100
81) 3,3'-Dichlorobenzidine	13.57	252	299420	39.93	ng	#	96
82) Chrysene	13.62	228	730716	41.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	883508	61.03	ng		99
84) Di-n-octyl phthalate	14.22	149	1200435	48.13	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.07	276	645447	45.07	ng		96
87) Benzo(b)fluoranthene	14.57	252	631600m	36.54	ng		
88) Benzo(k)fluoranthene	14.61	252	691741m	42.64	ng		
89) Benzo(a)pyrene	14.87	252	629431	38.71	ng		99
90) Dibenzo(a,h)anthracene	16.08	278	534200	42.10	ng		99
91) Benzo(g,h,i)perylene	16.41	276	531288	42.78	ng	#	92

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

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