Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091990.D
Acq On : 28 Dec 2016 3:39
Operator : UM/SJ
Sample : PB95631BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95631BS

Quant Time: Dec 28 06:27:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222616	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	940695	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	495181	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	669840	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	511542	20.00	ng		-0.01
86) Perylene-d12	15.29	264	457520	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	976511	73.24	ng		0.01
7) Phenol-d6	6.41	99	1204681	74.01	ng		0.00
23) Nitrobenzene-d5	7.30	82	1342733	79.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	243366	59.39	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	2275627	95.80	ng		-0.01
78) Terphenyl-d14	12.84	244	1874454	88.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	232316	35.39	ng		97
3) Pyridine	2.99	79	643596	28.09	ng		96
4) n-Nitrosodimethylamine	2.94	42	335476	38.82	ng		95
6) Aniline	6.40	93	424010	20.06	ng	#	53
8) 2-Chlorophenol	6.52	128	622274	41.03	ng		96
9) Benzaldehyde	6.27	77	69461	5.56	ng		99
10) Phenol	6.42	94	916700	49.42	ng	#	70
11) bis(2-Chloroethyl)ether	6.46	93	597014	40.45	ng		97
12) 1,3-Dichlorobenzene	6.67	146	683108	42.19	ng		98
13) 1,4-Dichlorobenzene	6.75	146	657172	39.88	ng		92
14) 1,2-Dichlorobenzene	6.90	146	595173	41.62	ng		98
15) Benzyl Alcohol	6.89	79	199433	15.77	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.01	45	805565	36.65	ng		65
17) 2-Methylphenol	7.02	107	486361	39.88	ng	#	92
18) Hexachloroethane	7.24	117	254226	41.61	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	519256	47.95	ng	#	91
20) 3+4-Methylphenols	7.17	107	701028	48.19	ng	#	70
22) Acetophenone	7.15	105	942808	40.63	ng	#	90
24) Nitrobenzene	7.32	77	760080	42.18	ng		96
25) Isophorone	7.56	82	1230658	39.43	ng		96
26) 2-Nitrophenol	7.64	139	354334	39.88	ng	#	86
27) 2,4-Dimethylphenol	7.70	122	591969	40.17	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	772067	40.79	ng		99
29) 2,4-Dichlorophenol	7.89	162	512879	41.10	ng		89
30) 1,2,4-Trichlorobenzene	7.96	180	530682	38.81	ng		96
31) Naphthalene	8.04	128	1819273	42.26	ng		100
32) Benzoic acid	7.85	122	260017	23.79	ng		98
33) 4-Chloroaniline	8.11	127	247536	12.75	ng		95
34) Hexachlorobutadiene	8.16	225	298053	41.29	ng		100
35) Caprolactam	8.48	113	156446m	38.15	ng		
36) 4-Chloro-3-methylphenol	8.61	107	582537	40.57	ng		96
37) 2-Methylnaphthalene	8.74	142	1203487	46.80	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	462142	36.94	ng	#	98
40) Hexachlorocyclopentadiene	8.89	237	425544	76.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	338643	38.70	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	323255	35.90	ng	#	85
45) 1,1'-Biphenyl	9.20	154	1350540	39.83	ng		96
46) 2-Chloronaphthalene	9.22	162	1031530	38.42	ng		94
47) 2-Nitroaniline	9.33	65	414820	43.39	ng	#	76
48) Acenaphthylene	9.64	152	1700527	41.18	ng		98
49) Dimethylphthalate	9.52	163	1384471	43.71	ng		100
50) 2,6-Dinitrotoluene	9.57	165	327858	47.30	ng		94
51) Acenaphthene	9.81	154	1099211	39.26	ng		98
52) 3-Nitroaniline	9.74	138	173576	20.23	ng	#	79
53) 2,4-Dinitrophenol	9.85	184	153208	39.72	ng	#	56
54) Dibenzofuran	9.98	168	1524292	40.32	ng		96
55) 4-Nitrophenol	9.94	139	402219	69.05	ng		97
56) 2,4-Dinitrotoluene	9.97	165	332616	38.23	ng	#	84
57) Fluorene	10.33	166	1198556	43.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	284328	39.92	ng		99
59) Diethylphthalate	10.20	149	1236141	40.19	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	497550	41.31	ng		97
61) 4-Nitroaniline	10.36	138	302756	34.06	ng		96
62) Azobenzene	10.48	77	1428820	42.19	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	162084	40.02	ng		80
65) n-Nitrosodiphenylamine	10.44	169	1007324	50.68	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	363038	52.10	ng	#	88
67) Hexachlorobenzene	10.86	284	363254	48.77	ng	#	76
68) Atrazine	10.98	200	296452	46.24	ng		96
69) Pentachlorophenol	11.07	266	238281	65.20	ng		98
70) Phenanthrene	11.29	178	1492660	41.10	ng		98
71) Anthracene	11.33	178	1477920	46.37	ng		99
72) Carbazole	11.49	167	1288718	41.73	ng		100
73) Di-n-butylphthalate	11.82	149	1601978	46.70	ng		99
74) Fluoranthene	12.47	202	1642160	52.14	ng		99
76) Benzidine	12.59	184	437415	31.10	ng		97
77) Pyrene	12.69	202	1637382	43.63	ng		99
79) Butylbenzylphthalate	13.32	149	796875	46.68	ng		96
80) Benzo(a)anthracene	13.88	228	1334357	46.21	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	330034	30.14	ng		98
82) Chrysene	13.93	228	1357016	46.85	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1004778	49.98	ng		100
84) Di-n-octyl phthalate	14.50	149	1853272	49.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1133317	45.17	ng		99
87) Benzo(b)fluoranthene	14.90	252	1128070m	39.60	ng		
88) Benzo(k)fluoranthene	14.93	252	1185302m	48.80	ng		
89) Benzo(a)pyrene	15.24	252	1104314	43.68	ng	#	95
90) Dibenzo(a,h)anthracene	16.65	278	927282	44.62	ng		98
91) Benzo(g,h,i)perylene	17.04	276	948730	43.91	ng		98

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

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