Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091191.D
Acq On : 16 Nov 2016 16:42
Operator : UM/SJ
Sample : PB94688BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94688BS

Quant Time: Nov 17 00:27:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	180922	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	729811	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	404976	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	693077	20.00	ng		0.00
75) Chrysene-d12	13.78	240	558093	20.00	ng		0.00
86) Perylene-d12	15.15	264	423894	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1417887	129.43	ng		0.02
7) Phenol-d6	6.28	99	1808853	121.65	ng		0.00
23) Nitrobenzene-d5	7.20	82	1190979	89.02	ng		0.00
41) 2,4,6-Tribromophenol	10.45	330	525744	143.60	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	2002094	85.11	ng		0.00
78) Terphenyl-d14	12.73	244	2014548	90.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	195955	31.27	ng	#	96
3) Pyridine	2.81	79	607671	41.45	ng		99
4) n-Nitrosodimethylamine	2.77	42	233234	40.22	ng		92
6) Aniline	6.28	93	350864	20.01	ng	#	70
8) 2-Chlorophenol	6.41	128	569954	43.62	ng		92
9) Benzaldehyde	6.17	77	45515	5.52	ng		99
10) Phenol	6.29	94	577645	35.10	ng	#	74
11) bis(2-Chloroethyl)ether	6.36	93	561548	40.50	ng		98
12) 1,3-Dichlorobenzene	6.56	146	565849	42.82	ng		95
13) 1,4-Dichlorobenzene	6.64	146	579052	40.84	ng		96
14) 1,2-Dichlorobenzene	6.78	146	521310	40.06	ng		97
15) Benzyl Alcohol	6.78	79	466132	44.44	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	698446	35.18	ng	#	42
17) 2-Methylphenol	6.91	107	457027	44.18	ng	#	93
18) Hexachloroethane	7.13	117	226204	41.22	ng		92
19) n-Nitroso-di-n-propylamine	7.06	70	448119	43.49	ng	#	86
20) 3+4-Methylphenols	7.06	107	607881	48.94	ng		92
22) Acetophenone	7.05	105	801666	47.71	ng	#	94
24) Nitrobenzene	7.22	77	657388	44.49	ng		94
25) Isophorone	7.46	82	1170405	45.40	ng		99
26) 2-Nitrophenol	7.54	139	294406	47.08	ng	#	66
27) 2,4-Dimethylphenol	7.58	122	486656	47.06	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	714080	50.70	ng		99
29) 2,4-Dichlorophenol	7.78	162	422690	46.84	ng		95
30) 1,2,4-Trichlorobenzene	7.86	180	465826	45.91	ng		98
31) Naphthalene	7.93	128	1412218	40.46	ng		99
32) Benzoic acid	7.76	122	289613	37.18	ng		93
33) 4-Chloroaniline	8.00	127	196305	13.52	ng		98
34) Hexachlorobutadiene	8.05	225	260189	47.51	ng		99
35) Caprolactam	8.37	113	138814m	48.96	ng		
36) 4-Chloro-3-methylphenol	8.50	107	454050	41.56	ng		93
37) 2-Methylnaphthalene	8.62	142	932464	41.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	489139	47.37	ng		98
40) Hexachlorocyclopentadiene	8.78	237	370800	91.51	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	288255	43.25	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	337116	48.17	ng	#	93
45) 1,1'-Biphenyl	9.09	154	1213608	41.04	ng		97
46) 2-Chloronaphthalene	9.12	162	966963	43.07	ng		96
47) 2-Nitroaniline	9.22	65	272957	32.76	ng		98
48) Acenaphthylene	9.53	152	1423893	40.70	ng		100
49) Dimethylphthalate	9.40	163	1092222	41.13	ng		100
50) 2,6-Dinitrotoluene	9.47	165	269614	47.38	ng	#	55
51) Acenaphthene	9.70	154	886440	40.35	ng		100
52) 3-Nitroaniline	9.63	138	121838	18.05	ng		99
53) 2,4-Dinitrophenol	9.76	184	223760	72.79	ng	#	82
54) Dibenzofuran	9.87	168	1301450	44.01	ng		98
55) 4-Nitrophenol	9.82	139	335346	75.00	ng	#	84
56) 2,4-Dinitrotoluene	9.87	165	314749	43.47	ng	#	72
57) Fluorene	10.21	166	1098244	45.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	278868	50.86	ng		99
59) Diethylphthalate	10.10	149	1176330	43.21	ng		98
60) 4-Chlorophenyl-phenylether	10.21	204	515670	46.88	ng		97
61) 4-Nitroaniline	10.26	138	264067	38.68	ng		89
62) Azobenzene	10.36	77	1397248	43.60	ng		83
64) 4,6-Dinitro-2-methylphenol	10.28	198	177659	41.86	ng	#	53
65) n-Nitrosodiphenylamine	10.33	169	972852	44.16	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	318124	44.13	ng	#	87
67) Hexachlorobenzene	10.76	284	386311	48.59	ng	#	87
68) Atrazine	10.86	200	274931	43.26	ng		95
69) Pentachlorophenol	10.96	266	310595	88.20	ng		98
70) Phenanthrene	11.17	178	1644502	44.63	ng		100
71) Anthracene	11.22	178	1499152	38.27	ng		99
72) Carbazole	11.38	167	1342715	38.04	ng		99
73) Di-n-butylphthalate	11.72	149	1756026	39.55	ng		100
74) Fluoranthene	12.35	202	1415167	37.04	ng		96
76) Benzidine	12.49	184	364644	29.25	ng		97
77) Pyrene	12.58	202	1500062	41.04	ng		99
79) Butylbenzylphthalate	13.21	149	702042	40.16	ng		94
80) Benzo(a)anthracene	13.77	228	1317974	41.59	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	257235	23.11	ng	#	97
82) Chrysene	13.80	228	1194916	38.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	969527	40.98	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1594077	40.98	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.42	276	988767	38.14	ng		95
87) Benzo(b)fluoranthene	14.77	252	1128882m	39.27	ng		
88) Benzo(k)fluoranthene	14.80	252	1175637m	46.62	ng		
89) Benzo(a)pyrene	15.09	252	1059135	42.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.43	278	843247	38.97	ng	#	96
91) Benzo(g,h,i)perylene	16.80	276	772147	39.46	ng		94

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

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