Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092468.D
Acq On : 25 Jan 2017 11:26
Operator : SJ/MA
Sample : PB96207BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96207BS

Quant Time: Jan 26 14:04:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170921	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	701427	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	389926	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	648499	20.00	ng		0.00
75) Chrysene-d12	14.16	240	477103	20.00	ng		-0.01
86) Perylene-d12	15.63	264	447063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1271574	115.75	ng		0.02
7) Phenol-d6	6.60	99	1872199	133.79	ng		0.01
23) Nitrobenzene-d5	7.54	82	1152911	89.79	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	393002	147.90	ng		0.01
44) 2-Fluorobiphenyl	9.34	172	1886590	89.47	ng		-0.01
78) Terphenyl-d14	13.12	244	1794860	100.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	220919	37.81	ng	#	83
3) Pyridine	3.47	79	637446	38.32	ng		88
4) n-Nitrosodimethylamine	3.42	42	338514	41.48	ng		87
6) Aniline	6.62	93	527156	25.26	ng	#	47
8) 2-Chlorophenol	6.75	128	494568	42.86	ng		89
9) Benzaldehyde	6.51	77	340724	34.31	ng		90
10) Phenol	6.61	94	732944	43.40	ng	#	67
11) bis(2-Chloroethyl)ether	6.70	93	532602	42.15	ng		92
12) 1,3-Dichlorobenzene	6.91	146	590759m	43.29	ng		
13) 1,4-Dichlorobenzene	6.99	146	598605	43.58	ng		93
14) 1,2-Dichlorobenzene	7.14	146	529894	40.67	ng		98
15) Benzyl Alcohol	7.12	79	520744	49.38	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1029136	41.17	ng		92
17) 2-Methylphenol	7.22	107	466742	47.34	ng		96
18) Hexachloroethane	7.48	117	204156	43.15	ng	#	88
19) n-Nitroso-di-n-propylamine	7.39	70	394806	41.43	ng		94
20) 3+4-Methylphenols	7.38	107	561152	46.91	ng		96
22) Acetophenone	7.38	105	753038	45.08	ng	#	83
24) Nitrobenzene	7.55	77	610473	45.38	ng		99
25) Isophorone	7.80	82	1130118	44.66	ng		97
26) 2-Nitrophenol	7.87	139	277325	49.20	ng		93
27) 2,4-Dimethylphenol	7.92	122	543420	46.35	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	673238	40.53	ng		98
29) 2,4-Dichlorophenol	8.12	162	477107	46.94	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	465891	42.41	ng		96
31) Naphthalene	8.28	128	1456628m	40.57	ng		
32) Benzoic acid	8.04	122	349898	40.72	ng		96
33) 4-Chloroaniline	8.33	127	202678	13.35	ng		97
34) Hexachlorobutadiene	8.41	225	264743	44.06	ng		98
35) Caprolactam	8.72	113	179897m	53.00	ng		
36) 4-Chloro-3-methylphenol	8.82	107	542617	49.51	ng		93
37) 2-Methylnaphthalene	8.98	142	980941	43.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	469702	47.75	ng		98
40) Hexachlorocyclopentadiene	9.14	237	459387	93.26	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	365232	48.47	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	325096	47.15	ng	#	90
45) 1,1'-Biphenyl	9.45	154	1195022	42.40	ng		97
46) 2-Chloronaphthalene	9.47	162	940732	40.86	ng		95
47) 2-Nitroaniline	9.56	65	330044	42.57	ng		90
48) Acenaphthylene	9.89	152	1544500	45.74	ng		99
49) Dimethylphthalate	9.76	163	1193480	48.13	ng		100
50) 2,6-Dinitrotoluene	9.81	165	263943	52.08	ng	#	86
51) Acenaphthene	10.06	154	1028531	49.02	ng		97
52) 3-Nitroaniline	9.97	138	148257	23.36	ng		89
53) 2,4-Dinitrophenol	10.09	184	262378	78.68	ng	#	69
54) Dibenzofuran	10.24	168	1291365	45.33	ng		97
55) 4-Nitrophenol	10.14	139	494809	98.16	ng		86
56) 2,4-Dinitrotoluene	10.22	165	354808	52.74	ng	#	64
57) Fluorene	10.58	166	921150	43.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	258336	50.01	ng		97
59) Diethylphthalate	10.46	149	1136405	47.80	ng	#	94
60) 4-Chlorophenyl-phenylether	10.58	204	467578	45.64	ng	#	76
61) 4-Nitroaniline	10.60	138	262451	41.34	ng		94
62) Azobenzene	10.74	77	1348852	49.85	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	164792	47.24	ng	#	33
65) n-Nitrosodiphenylamine	10.69	169	843165	41.63	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	303590	46.37	ng	#	88
67) Hexachlorobenzene	11.13	284	268631	40.59	ng	#	79
68) Atrazine	11.23	200	327741	47.28	ng		96
69) Pentachlorophenol	11.32	266	337786	79.82	ng		97
70) Phenanthrene	11.55	178	1518177	42.51	ng		99
71) Anthracene	11.60	178	1576643	45.17	ng		100
72) Carbazole	11.76	167	1489259	44.69	ng		98
73) Di-n-butylphthalate	12.09	149	1663531	43.66	ng	#	98
74) Fluoranthene	12.74	202	1613108	46.18	ng		97
76) Benzidine	12.85	184	528181	29.82	ng		97
77) Pyrene	12.97	202	1622910	46.95	ng		99
79) Butylbenzylphthalate	13.59	149	767997	54.84	ng		91
80) Benzo(a)anthracene	14.15	228	1220392	47.60	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	242600	24.92	ng	#	97
82) Chrysene	14.19	228	1334247	48.72	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	941061	53.36	ng	#	97
84) Di-n-octyl phthalate	14.76	149	1806069	56.41	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1121219	55.34	ng	#	94
87) Benzo(b)fluoranthene	15.21	252	1279835	44.59	ng		98
88) Benzo(k)fluoranthene	15.24	252	1187252m	49.75	ng		
89) Benzo(a)pyrene	15.57	252	1143933	47.12	ng		97
90) Dibenzo(a,h)anthracene	17.14	278	926411	47.19	ng		96
91) Benzo(g,h,i)perylene	17.57	276	914742	46.07	ng	#	93

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

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