Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
Data File : BF092989.D
Acq On : 16 Feb 2017 19:03
Operator : SJ/MA
Sample : PB96981BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96981BS

Quant Time: Feb 17 00:04:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 23:55:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142726	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	599295	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	316798	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	561564	20.00	ng		0.00
75) Chrysene-d12	14.02	240	440551	20.00	ng		0.00
86) Perylene-d12	15.44	264	381146	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1134907	136.42	ng		0.02
7) Phenol-d6	6.50	99	1373608	128.33	ng		0.00
23) Nitrobenzene-d5	7.42	82	823571	76.53	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	305928	133.52	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1449883	82.91	ng		0.00
78) Terphenyl-d14	12.97	244	1485866	79.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	169091	37.62	ng	#	86
3) Pyridine	3.24	79	396550	34.69	ng		89
4) n-Nitrosodimethylamine	3.20	42	218922	40.79	ng		88
6) Aniline	6.52	93	243508	16.68	ng	#	75
8) 2-Chlorophenol	6.65	128	403480	43.96	ng		99
9) Benzaldehyde	6.41	77	104756	13.66	ng		99
10) Phenol	6.51	94	435219	34.75	ng		85
11) bis(2-Chloroethyl)ether	6.60	93	423452	42.36	ng		99
12) 1,3-Dichlorobenzene	6.80	146	436897m	40.64	ng		
13) 1,4-Dichlorobenzene	6.88	146	452177	41.56	ng		97
14) 1,2-Dichlorobenzene	7.04	146	410117m	39.42	ng		
15) Benzyl Alcohol	7.00	79	327071	41.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	705746	40.64	ng		94
17) 2-Methylphenol	7.13	107	355947	45.21	ng		95
18) Hexachloroethane	7.37	117	147938	39.83	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	273947	40.20	ng		96
20) 3+4-Methylphenols	7.28	107	396211	42.09	ng		88
22) Acetophenone	7.28	105	533423	38.98	ng	#	92
24) Nitrobenzene	7.45	77	473008	42.80	ng		93
25) Isophorone	7.69	82	828245	41.30	ng		98
26) 2-Nitrophenol	7.77	139	222582	42.37	ng	#	80
27) 2,4-Dimethylphenol	7.80	122	357728	38.78	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	498675	37.55	ng		99
29) 2,4-Dichlorophenol	8.01	162	372724	43.32	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	375480	40.50	ng		98
31) Naphthalene	8.17	128	1200326	39.51	ng		99
32) Benzoic acid	7.94	122	231252	44.80	ng		97
33) 4-Chloroaniline	8.21	127	122848	10.31	ng		97
34) Hexachlorobutadiene	8.28	225	194406	38.11	ng		99
35) Caprolactam	8.59	113	119963m	44.33	ng		
36) 4-Chloro-3-methylphenol	8.70	107	363086	40.48	ng		100
37) 2-Methylnaphthalene	8.85	142	754649	38.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	362697	40.79	ng		99
40) Hexachlorocyclopentadiene	9.01	237	287187	71.58	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	250539m	42.88	ng		
43) 2,4,5-Trichlorophenol	9.18	196	263167m	41.10	ng		
45) 1,1'-Biphenyl	9.32	154	979472	42.70	ng		98
46) 2-Chloronaphthalene	9.34	162	732411	40.81	ng		97
47) 2-Nitroaniline	9.45	65	265270	43.97	ng	#	83
48) Acenaphthylene	9.76	152	1148878	37.06	ng		99
49) Dimethylphthalate	9.63	163	923746	43.29	ng		100
50) 2,6-Dinitrotoluene	9.69	165	204821	44.45	ng		93
51) Acenaphthene	9.93	154	752437	40.60	ng		96
52) 3-Nitroaniline	9.85	138	90477	17.16	ng		85
53) 2,4-Dinitrophenol	9.96	184	179572	76.80	ng	#	57
54) Dibenzofuran	10.10	168	996125	40.18	ng		98
55) 4-Nitrophenol	10.03	139	331074	87.16	ng		87
56) 2,4-Dinitrotoluene	10.09	165	240328	39.17	ng	#	91
57) Fluorene	10.44	166	734480	38.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	209914	49.15	ng		96
59) Diethylphthalate	10.33	149	866331	43.08	ng	#	93
60) 4-Chlorophenyl-phenylether	10.43	204	343160	37.45	ng		99
61) 4-Nitroaniline	10.48	138	220112	40.75	ng		80
62) Azobenzene	10.59	77	948077	45.63	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	142460	42.03	ng	#	67
65) n-Nitrosodiphenylamine	10.56	169	678275	37.81	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	211308	36.02	ng		96
67) Hexachlorobenzene	10.99	284	220923	38.10	ng	#	91
68) Atrazine	11.08	200	201486	35.00	ng		99
69) Pentachlorophenol	11.18	266	234075	78.37	ng		96
70) Phenanthrene	11.40	178	1127082	35.03	ng		99
71) Anthracene	11.46	178	1320242	40.86	ng		98
72) Carbazole	11.61	167	1053189	34.10	ng		99
73) Di-n-butylphthalate	11.94	149	1298684	38.88	ng		98
74) Fluoranthene	12.59	202	1231741	37.12	ng		97
76) Benzidine	12.72	184	240010	12.78	ng		96
77) Pyrene	12.82	202	1266719	38.42	ng		99
79) Butylbenzylphthalate	13.44	149	599875	44.81	ng		90
80) Benzo(a)anthracene	14.01	228	1001593	37.17	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	187398	19.51	ng		98
82) Chrysene	14.04	228	983015	38.97	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	788444	43.06	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1336418	44.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	814602	41.69	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1003225m	39.99	ng		
88) Benzo(k)fluoranthene	15.06	252	808157m	37.31	ng		
89) Benzo(a)pyrene	15.38	252	857926	39.54	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	687940	39.22	ng		98
91) Benzo(g,h,i)perylene	17.28	276	691645	39.04	ng	#	93

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

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