Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092586.D
Acq On : 27 Jan 2017 20:04
Operator : SJ/MA
Sample : PB96416BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96416BS

Quant Time: Jan 27 22:20:46 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	156053	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	676295	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	381048	20.00	ng		0.01
63) Phenanthrene-d10	11.53	188	626526	20.00	ng		0.00
75) Chrysene-d12	14.18	240	503504	20.00	ng		0.01
86) Perylene-d12	15.67	264	424094	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1271428	126.76	ng		0.06
7) Phenol-d6	6.62	99	1512540	118.39	ng		0.03
23) Nitrobenzene-d5	7.54	82	1024513	82.75	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	376620	145.04	ng		0.02
44) 2-Fluorobiphenyl	9.36	172	1882614	91.36	ng		0.00
78) Terphenyl-d14	13.12	244	1514206	80.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	185029	34.69	ng	#	82
3) Pyridine	3.47	79	527220	34.72	ng	#	82
4) n-Nitrosodimethylamine	3.44	42	268969	36.10	ng		85
6) Aniline	6.64	93	236576	12.41	ng	#	45
8) 2-Chlorophenol	6.76	128	446277	42.36	ng		89
9) Benzaldehyde	6.52	77	202298	22.31	ng		95
10) Phenol	6.64	94	494032	32.04	ng		94
11) bis(2-Chloroethyl)ether	6.70	93	458246	39.72	ng		89
12) 1,3-Dichlorobenzene	6.91	146	477890m	38.36	ng		
13) 1,4-Dichlorobenzene	6.99	146	509411	40.62	ng		98
14) 1,2-Dichlorobenzene	7.15	146	475140	39.94	ng		94
15) Benzyl Alcohol	7.13	79	405444	42.11	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	757460	33.19	ng		82
17) 2-Methylphenol	7.24	107	392240	43.57	ng		95
18) Hexachloroethane	7.49	117	175721	40.68	ng	#	89
19) n-Nitroso-di-n-propylamine	7.39	70	328245	37.73	ng		94
20) 3+4-Methylphenols	7.40	107	526294	48.19	ng	#	73
22) Acetophenone	7.39	105	668855	41.52	ng	#	96
24) Nitrobenzene	7.56	77	503743	38.84	ng		98
25) Isophorone	7.80	82	949425	38.92	ng		96
26) 2-Nitrophenol	7.88	139	266848	49.10	ng		96
27) 2,4-Dimethylphenol	7.93	122	460497	40.74	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	616526	38.50	ng		99
29) 2,4-Dichlorophenol	8.13	162	437577	44.65	ng		94
30) 1,2,4-Trichlorobenzene	8.21	180	429370	40.54	ng		98
31) Naphthalene	8.29	128	1382418	39.94	ng		99
32) Benzoic acid	8.05	122	289358	35.59	ng		98
33) 4-Chloroaniline	8.34	127	94563	6.46	ng		97
34) Hexachlorobutadiene	8.41	225	233502	40.30	ng		99
35) Caprolactam	8.73	113	152235m	46.52	ng		
36) 4-Chloro-3-methylphenol	8.84	107	437759	41.42	ng		99
37) 2-Methylnaphthalene	8.99	142	969453	44.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	399935	41.61	ng		99
40) Hexachlorocyclopentadiene	9.14	237	363270	75.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	322257m	43.76	ng		
43) 2,4,5-Trichlorophenol	9.32	196	332386m	49.33	ng		
45) 1,1'-Biphenyl	9.46	154	1227304	44.56	ng		99
46) 2-Chloronaphthalene	9.48	162	898012	39.92	ng		98
47) 2-Nitroaniline	9.58	65	324725	42.86	ng		90
48) Acenaphthylene	9.90	152	1487384	45.08	ng		98
49) Dimethylphthalate	9.76	163	1055158	43.55	ng		99
50) 2,6-Dinitrotoluene	9.82	165	254142	51.31	ng	#	93
51) Acenaphthene	10.08	154	968092	47.21	ng		97
52) 3-Nitroaniline	10.00	138	77932	12.56	ng		85
53) 2,4-Dinitrophenol	10.10	184	186938	64.72	ng	#	61
54) Dibenzofuran	10.25	168	1294803	46.51	ng		94
55) 4-Nitrophenol	10.18	139	335949	68.20	ng		94
56) 2,4-Dinitrotoluene	10.24	165	327347	49.79	ng	#	69
57) Fluorene	10.59	166	955438	46.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	247949	49.11	ng		96
59) Diethylphthalate	10.46	149	1062569	45.73	ng		98
60) 4-Chlorophenyl-phenylether	10.58	204	437664	43.71	ng		90
61) 4-Nitroaniline	10.62	138	286239	46.14	ng		87
62) Azobenzene	10.74	77	1124205	42.52	ng		96
64) 4,6-Dinitro-2-methylphenol	10.65	198	144188	43.25	ng		78
65) n-Nitrosodiphenylamine	10.70	169	880542	45.00	ng		100
66) 4-Bromophenyl-phenylether	11.07	248	263182	41.60	ng		97
67) Hexachlorobenzene	11.14	284	285255	44.61	ng		99
68) Atrazine	11.23	200	248759	37.14	ng		99
69) Pentachlorophenol	11.33	266	262760	64.27	ng		97
70) Phenanthrene	11.55	178	1382668	40.07	ng		99
71) Anthracene	11.61	178	1475802	43.77	ng		99
72) Carbazole	11.77	167	1388604	43.13	ng		99
73) Di-n-butylphthalate	12.09	149	1558045	42.32	ng	#	98
74) Fluoranthene	12.75	202	1486469	44.05	ng		90
76) Benzidine	12.87	184	380601	20.36	ng		97
77) Pyrene	12.98	202	1577979	43.25	ng		99
79) Butylbenzylphthalate	13.59	149	680379	46.03	ng		98
80) Benzo(a)anthracene	14.17	228	1258919	46.52	ng		100
81) 3,3'-Dichlorobenzidine	14.12	252	240507	23.41	ng		99
82) Chrysene	14.20	228	1155801	39.99	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	908963	48.83	ng		98
84) Di-n-octyl phthalate	14.76	149	1640614	48.55	ng		98
85) Indeno(1,2,3-cd)pyrene	17.16	276	981772	45.92	ng		95
87) Benzo(b)fluoranthene	15.22	252	1289875m	47.38	ng		
88) Benzo(k)fluoranthene	15.25	252	849601m	37.53	ng		
89) Benzo(a)pyrene	15.60	252	1012460	43.96	ng		98
90) Dibenzo(a,h)anthracene	17.19	278	816757	43.85	ng		98
91) Benzo(g,h,i)perylene	17.62	276	824242	43.76	ng	#	92

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

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