Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093076.D
Acq On : 22 Feb 2017 15:39
Operator : SJ/MA
Sample : PB97102BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 00:11:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB97102BS

Manual Integrations APPROVED
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2/23/2017 1:16:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168113	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	636696	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	303029	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	565302	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	495905	20.00	ng		-0.02
86) Perylene-d12	15.41	264	338607	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1191841	121.63	ng		0.00
7) Phenol-d6	6.49	99	1442263	114.39	ng		0.00
23) Nitrobenzene-d5	7.41	82	951462	83.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	308835	140.91	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1476137	88.25	ng		-0.02
78) Terphenyl-d14	12.94	244	1429506	67.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	186672	35.26	ng	#	84
3) Pyridine	3.21	79	527113	39.15	ng		89
4) n-Nitrosodimethylamine	3.16	42	254755	40.30	ng		87
6) Aniline	6.51	93	289049	16.81	ng	#	45
8) 2-Chlorophenol	6.62	128	427317	39.53	ng		95
9) Benzaldehyde	6.38	77	66047	7.31	ng		92
10) Phenol	6.50	94	611998	41.49	ng		80
11) bis(2-Chloroethyl)ether	6.58	93	434846	36.93	ng		92
12) 1,3-Dichlorobenzene	6.77	146	487009m	38.46	ng		
13) 1,4-Dichlorobenzene	6.85	146	497153	38.79	ng		98
14) 1,2-Dichlorobenzene	7.01	146	468798	38.26	ng		95
15) Benzyl Alcohol	6.99	79	361885	38.77	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	801462	39.18	ng		96
17) 2-Methylphenol	7.10	107	363258	39.17	ng		96
18) Hexachloroethane	7.34	117	165296	37.78	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	325057	40.50	ng	#	94
20) 3+4-Methylphenols	7.26	107	462944	41.75	ng	#	84
22) Acetophenone	7.25	105	590880	40.65	ng	#	97
24) Nitrobenzene	7.42	77	451488	38.46	ng		100
25) Isophorone	7.66	82	882783	41.43	ng		96
26) 2-Nitrophenol	7.74	139	257680	46.17	ng		92
27) 2,4-Dimethylphenol	7.79	122	440995	45.00	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	591363	41.91	ng		99
29) 2,4-Dichlorophenol	7.98	162	367542	40.21	ng		88
30) 1,2,4-Trichlorobenzene	8.06	180	386903	39.28	ng		96
31) Naphthalene	8.14	128	1221250	37.84	ng		99
32) Benzoic acid	7.93	122	227449	42.01	ng		97
33) 4-Chloroaniline	8.20	127	112464	8.88	ng		96
34) Hexachlorobutadiene	8.26	225	199951	36.89	ng		99
35) Caprolactam	8.57	113	124388m	43.26	ng		
36) 4-Chloro-3-methylphenol	8.69	107	421848	44.27	ng		96
37) 2-Methylnaphthalene	8.83	142	844317	40.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	367358	43.19	ng		99
40) Hexachlorocyclopentadiene	8.99	237	335664	87.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	255571	45.72	ng		91
43) 2,4,5-Trichlorophenol	9.16	196	257147	41.99	ng		95
45) 1,1'-Biphenyl	9.30	154	980441	44.68	ng		97
46) 2-Chloronaphthalene	9.32	162	762822	44.44	ng		96
47) 2-Nitroaniline	9.42	65	269362	46.67	ng		97
48) Acenaphthylene	9.73	152	1208115	40.74	ng		99
49) Dimethylphthalate	9.61	163	1003489	49.16	ng		99
50) 2,6-Dinitrotoluene	9.66	165	189940	43.09	ng	#	77
51) Acenaphthene	9.90	154	700178	39.49	ng		97
52) 3-Nitroaniline	9.84	138	94467	18.73	ng		83
53) 2,4-Dinitrophenol	9.95	184	224574	98.96	ng	#	86
54) Dibenzofuran	10.08	168	1026382	43.28	ng		99
55) 4-Nitrophenol	10.01	139	284267	78.24	ng		94
56) 2,4-Dinitrotoluene	10.08	165	284310	48.45	ng	#	85
57) Fluorene	10.42	166	752111	41.23	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	216276	52.94	ng		97
59) Diethylphthalate	10.30	149	920571	47.86	ng		95
60) 4-Chlorophenyl-phenylether	10.42	204	374117	42.69	ng	#	74
61) 4-Nitroaniline	10.45	138	231023	44.71	ng		89
62) Azobenzene	10.58	77	990568	49.85	ng		85
64) 4,6-Dinitro-2-methylphenol	10.49	198	147049	43.03	ng		87
65) n-Nitrosodiphenylamine	10.53	169	692170	38.33	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	216633	36.68	ng		95
67) Hexachlorobenzene	10.97	284	219960	37.69	ng	#	88
68) Atrazine	11.06	200	226687	39.12	ng		99
69) Pentachlorophenol	11.17	266	246000	81.50	ng		97
70) Phenanthrene	11.38	178	1131339	34.93	ng		99
71) Anthracene	11.44	178	1354485	41.65	ng		98
72) Carbazole	11.60	167	1173297	37.74	ng	#	96
73) Di-n-butylphthalate	11.92	149	1301058	38.70	ng	#	97
74) Fluoranthene	12.57	202	1225872	36.70	ng		97
76) Benzidine	12.69	184	339188	16.05	ng		96
77) Pyrene	12.80	202	1267954	34.17	ng		99
79) Butylbenzylphthalate	13.41	149	605968	40.21	ng		90
80) Benzo(a)anthracene	13.99	228	1005028	33.14	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	179522	16.60	ng	#	94
82) Chrysene	14.02	228	932620	32.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	790695	38.36	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1296703	38.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	706447	32.12	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	957680m	42.97	ng		
88) Benzo(k)fluoranthene	15.04	252	718443m	37.34	ng		
89) Benzo(a)pyrene	15.36	252	766018	39.73	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	588341	37.76	ng		95
91) Benzo(g,h,i)perylene	17.23	276	605388	38.46	ng	#	92

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

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