Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090198.D
Acq On : 23 Sep 2016 15:28
Operator : UM/SJ
Sample : PB93576BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Manual Integrations APPROVED
sohil
9/26/2016 5:58:20 PM

Quant Time: Sep 26 09:20:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	127908	20.00	ng		-0.03
21) Naphthalene-d8	7.78	136	504611	20.00	ng		-0.03
38) Acenaphthene-d10	9.52	164	261217	20.00	ng		-0.03
63) Phenanthrene-d10	10.99	188	420513	20.00	ng		-0.03
75) Chrysene-d12	13.60	240	294077	20.00	ng		-0.03
86) Perylene-d12	14.93	264	272050	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	1157937	147.56	ng		-0.01
7) Phenol-d6	6.16	99	1431758	147.74	ng		-0.01
23) Nitrobenzene-d5	7.07	82	915697	105.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.31	330	320818	143.16	ng		-0.03
44) 2-Fluorobiphenyl	8.86	172	1500536	112.77	ng		-0.03
78) Terphenyl-d14	12.57	244	1185615	102.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	160866	37.78	ng	#	95
3) Pyridine	2.54	79	469564	50.86	ng		98
4) n-Nitrosodimethylamine	2.50	42	147802	53.64	ng		98
6) Aniline	6.16	93	127032	10.52	ng	#	18
8) 2-Chlorophenol	6.27	128	426187	47.20	ng		97
9) Benzaldehyde	6.02	77	43377	10.27	ng		95
10) Phenol	6.17	94	577963	50.45	ng	#	67
11) bis(2-Chloroethyl)ether	6.24	93	404056	45.23	ng		98
12) 1,3-Dichlorobenzene	6.43	146	477081	50.58	ng	#	96
13) 1,4-Dichlorobenzene	6.51	146	475714	49.40	ng		96
14) 1,2-Dichlorobenzene	6.66	146	430205m	50.14	ng		
15) Benzyl Alcohol	6.65	79	279221	48.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.80	45	509105	47.69	ng		99
17) 2-Methylphenol	6.78	107	367228	51.64	ng		97
18) Hexachloroethane	7.00	117	170829	49.73	ng	#	86
19) n-Nitroso-di-n-propylamine	6.94	70	321262	56.43	ng		96
20) 3+4-Methylphenols	6.94	107	471736	55.25	ng		94
22) Acetophenone	6.91	105	564741	46.41	ng	#	97
24) Nitrobenzene	7.08	77	436982	48.18	ng		94
25) Isophorone	7.34	82	886072	48.72	ng		97
26) 2-Nitrophenol	7.40	139	251912	56.40	ng		93
27) 2,4-Dimethylphenol	7.46	122	409127	51.56	ng		99
28) bis(2-Chloroethoxy)methane	7.55	93	563512	51.22	ng		99
29) 2,4-Dichlorophenol	7.66	162	366631	52.68	ng		98
30) 1,2,4-Trichlorobenzene	7.72	180	347002	49.91	ng		99
31) Naphthalene	7.80	128	1348872	56.14	ng		100
32) Benzoic acid	7.61	122	234944	43.13	ng		95
33) 4-Chloroaniline	7.86	127	58556	5.88	ng		96
34) Hexachlorobutadiene	7.93	225	192321	52.44	ng		97
35) Caprolactam	8.25	113	82831	35.96	ng		87
36) 4-Chloro-3-methylphenol	8.36	107	382457	48.62	ng		99
37) 2-Methylnaphthalene	8.49	142	769941	51.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	299565	49.96	ng		97
40) Hexachlorocyclopentadiene	8.65	237	307880	104.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	229098	53.62	ng		100
43) 2,4,5-Trichlorophenol	8.82	196	228422	51.63	ng	#	88
45) 1,1'-Biphenyl	8.96	154	904216	48.38	ng		96
46) 2-Chloronaphthalene	8.97	162	730293	52.97	ng		98
47) 2-Nitroaniline	9.08	65	225211	54.18	ng	#	82
48) Acenaphthylene	9.38	152	1116067	49.85	ng		99
49) Dimethylphthalate	9.28	163	906681	54.50	ng		99
50) 2,6-Dinitrotoluene	9.32	165	184547	49.77	ng		92
51) Acenaphthene	9.55	154	647150	48.69	ng		99
52) 3-Nitroaniline	9.48	138	39035	8.98	ng		89
53) 2,4-Dinitrophenol	9.60	184	179710	86.38	ng	#	89
54) Dibenzofuran	9.72	168	964588	55.15	ng		95
55) 4-Nitrophenol	9.68	139	275634	92.54	ng		83
56) 2,4-Dinitrotoluene	9.72	165	227108	51.79	ng		91
57) Fluorene	10.07	166	720474	54.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	190456	57.50	ng		97
59) Diethylphthalate	9.96	149	796037	49.54	ng		100
60) 4-Chlorophenyl-phenylether	10.07	204	303698	50.53	ng		90
61) 4-Nitroaniline	10.10	138	189765	42.83	ng		90
62) Azobenzene	10.23	77	993342	59.39	ng		94
64) 4,6-Dinitro-2-methylphenol	10.14	198	142245	54.01	ng		93
65) n-Nitrosodiphenylamine	10.19	169	754637	54.57	ng		100
66) 4-Bromophenyl-phenylether	10.55	248	202656	48.98	ng	#	82
67) Hexachlorobenzene	10.60	284	244776	50.75	ng	#	83
68) Atrazine	10.73	200	231536	61.10	ng		98
69) Pentachlorophenol	10.81	266	280778	102.57	ng		100
70) Phenanthrene	11.02	178	1125230	57.22	ng		99
71) Anthracene	11.06	178	1081376	52.43	ng		99
72) Carbazole	11.22	167	1094029	50.17	ng		98
73) Di-n-butylphthalate	11.58	149	1299077	51.23	ng		99
74) Fluoranthene	12.19	202	1198861	56.79	ng		90
76) Benzidine	12.32	184	188593	19.16	ng		97
77) Pyrene	12.41	202	1068106	53.08	ng		100
79) Butylbenzylphthalate	13.05	149	546382	55.51	ng	#	79
80) Benzo(a)anthracene	13.59	228	932342	58.93	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	145071	22.23	ng	#	96
82) Chrysene	13.63	228	868681	56.36	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	705517	56.01	ng		99
84) Di-n-octyl phthalate	14.23	149	1266356	58.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.08	276	849995	68.21	ng		97
87) Benzo(b)fluoranthene	14.58	252	822510m	54.60	ng		
88) Benzo(k)fluoranthene	14.61	252	716843m	50.70	ng		
89) Benzo(a)pyrene	14.87	252	767536	54.16	ng	#	94
90) Dibenzo(a,h)anthracene	16.09	278	695741	62.92	ng		98
91) Benzo(g,h,i)perylene	16.42	276	733467	67.77	ng		94

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

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