Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093994.D
Acq On : 28 Mar 2017 15:59
Operator : SJ/MA
Sample : PB97829BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Manual Integrations APPROVED
mohammad
3/29/2017 1:56:42 PM

Quant Time: Mar 29 03:23:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	162036	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	654443	20.00	ng		-0.02
38) Acenaphthene-d10	9.57	164	305867	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	534077	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	430664	20.00	ng		-0.03
86) Perylene-d12	16.28	264	352910	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1220168	127.19	ng		0.00
7) Phenol-d6	5.53	99	1559471	131.40	ng		-0.02
23) Nitrobenzene-d5	6.58	82	966000	84.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	351623	145.48	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1822532	90.88	ng		-0.02
78) Terphenyl-d14	13.37	244	1526237	79.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	165468	35.90	ng		98
3) Pyridine	2.83	79	489076	38.93	ng		98
4) n-Nitrosodimethylamine	2.79	42	219114	42.39	ng		95
6) Aniline	5.55	93	313159	18.97	ng	#	36
8) 2-Chlorophenol	5.69	128	479293	45.45	ng		98
9) Benzaldehyde	5.42	77	134959	16.84	ng		97
10) Phenol	5.55	94	563774	41.74	ng		99
11) bis(2-Chloroethyl)ether	5.63	93	457992	43.39	ng		98
12) 1,3-Dichlorobenzene	5.86	146	513580	43.42	ng		100
13) 1,4-Dichlorobenzene	5.95	146	517471	43.19	ng		98
14) 1,2-Dichlorobenzene	6.12	146	483016	43.78	ng		97
15) Benzyl Alcohol	6.10	79	398704	45.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	645445	39.69	ng		99
17) 2-Methylphenol	6.23	107	404795	44.82	ng		98
18) Hexachloroethane	6.52	117	184501	43.82	ng		89
19) n-Nitroso-di-n-propylamine	6.42	70	329932	43.25	ng		97
20) 3+4-Methylphenols	6.42	107	497181	45.46	ng	#	66
22) Acetophenone	6.40	105	668359	45.82	ng	#	88
24) Nitrobenzene	6.60	77	490842	43.40	ng		94
25) Isophorone	6.89	82	910104	45.17	ng		97
26) 2-Nitrophenol	6.97	139	273532	50.71	ng		97
27) 2,4-Dimethylphenol	7.04	122	449048	48.32	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	583641	43.92	ng		98
29) 2,4-Dichlorophenol	7.27	162	423953	48.79	ng		97
30) 1,2,4-Trichlorobenzene	7.37	180	409887	45.80	ng		98
31) Naphthalene	7.46	128	1369768	43.53	ng		100
32) Benzoic acid	7.20	122	312883	50.57	ng		97
33) 4-Chloroaniline	7.52	127	147940	11.60	ng	#	92
34) Hexachlorobutadiene	7.62	225	207409	45.19	ng		98
35) Caprolactam	7.97	113	140341m	50.65	ng		
36) 4-Chloro-3-methylphenol	8.14	107	448849	49.43	ng		90
37) 2-Methylnaphthalene	8.30	142	972593	46.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	350202	41.85	ng		99
40) Hexachlorocyclopentadiene	8.50	237	379414	96.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	290834	49.13	ng		98
43) 2,4,5-Trichlorophenol	8.70	196	295208	46.09	ng		95
45) 1,1'-Biphenyl	8.87	154	1081506	43.84	ng		98
46) 2-Chloronaphthalene	8.90	162	855634	44.31	ng		95
47) 2-Nitroaniline	9.02	65	257880	45.01	ng	#	82
48) Acenaphthylene	9.40	152	1386609	43.20	ng		99
49) Dimethylphthalate	9.27	163	1028873	47.32	ng		99
50) 2,6-Dinitrotoluene	9.33	165	234340	47.02	ng	#	87
51) Acenaphthene	9.62	154	823558	43.97	ng		99
52) 3-Nitroaniline	9.52	138	103779	17.73	ng		94
53) 2,4-Dinitrophenol	9.66	184	253628	94.21	ng	#	72
54) Dibenzofuran	9.83	168	1191209	46.72	ng		99
55) 4-Nitrophenol	9.76	139	416804	90.94	ng	#	69
56) 2,4-Dinitrotoluene	9.83	165	289541	46.25	ng	#	73
57) Fluorene	10.25	166	891661	42.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	227800	51.83	ng		98
59) Diethylphthalate	10.13	149	1007753	46.90	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	386046	42.86	ng		92
61) 4-Nitroaniline	10.29	138	246324	43.86	ng		97
62) Azobenzene	10.45	77	979862	48.20	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	163580	50.01	ng	#	70
65) n-Nitrosodiphenylamine	10.40	169	851976	46.13	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	244492	46.55	ng		99
67) Hexachlorobenzene	10.93	284	249742	46.97	ng	#	87
68) Atrazine	11.07	200	254035	45.92	ng		95
69) Pentachlorophenol	11.17	266	279041	84.31	ng		98
70) Phenanthrene	11.43	178	1324746	44.59	ng		99
71) Anthracene	11.49	178	1372102	44.85	ng		99
72) Carbazole	11.69	167	1292566	41.21	ng		98
73) Di-n-butylphthalate	12.14	149	1584915	48.59	ng		99
74) Fluoranthene	12.89	202	1376532	45.25	ng		99
76) Benzidine	13.05	184	407832	23.93	ng	#	93
77) Pyrene	13.17	202	1396068	44.67	ng		99
79) Butylbenzylphthalate	13.98	149	674956	50.68	ng	#	83
80) Benzo(a)anthracene	14.64	228	1166871	46.46	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	213938	23.83	ng	#	95
82) Chrysene	14.69	228	1018900	43.72	ng		99
83) Bis(2-ethylhexyl)phthalate	14.70	149	927442	51.05	ng	#	99
84) Di-n-octyl phthalate	15.45	149	1570748	51.75	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	883071	43.75	ng		99
87) Benzo(b)fluoranthene	15.87	252	1015763	46.96	ng		99
88) Benzo(k)fluoranthene	15.90	252	930964	43.98	ng		96
89) Benzo(a)pyrene	16.22	252	911191	45.74	ng		98
90) Dibenzo(a,h)anthracene	17.66	278	732813	43.44	ng		98
91) Benzo(g,h,i)perylene	18.04	276	721642	42.44	ng		100

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

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