Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093365.D
Acq On : 3 Mar 2017 18:16
Operator : SJ/MA
Sample : PB97311BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97311BS

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:20 PM

Quant Time: Mar 03 22:57:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 22:55:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	191190	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	753536	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	342401	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	639107	20.00	ng		0.00
75) Chrysene-d12	13.95	240	522747	20.00	ng		0.00
86) Perylene-d12	15.37	264	386897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1310741	117.62	ng		0.01
7) Phenol-d6	6.44	99	1731430	120.75	ng		0.00
23) Nitrobenzene-d5	7.37	82	1219441	90.12	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	362283	146.29	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1737307	91.92	ng		0.00
78) Terphenyl-d14	12.90	244	1685889	75.78	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	195036	32.39	ng	#	84
3) Pyridine	3.09	79	530971	34.68	ng		89
4) n-Nitrosodimethylamine	3.06	42	301336	41.91	ng		89
6) Aniline	6.45	93	291265	14.89	ng	#	40
8) 2-Chlorophenol	6.58	128	529308	43.05	ng		94
9) Benzaldehyde	6.33	77	135069	13.15	ng		86
10) Phenol	6.45	94	617597	36.81	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	549801	41.06	ng		89
12) 1,3-Dichlorobenzene	6.73	146	586710	40.74	ng		97
13) 1,4-Dichlorobenzene	6.81	146	586121m	40.22	ng		
14) 1,2-Dichlorobenzene	6.96	146	533296	38.27	ng		97
15) Benzyl Alcohol	6.94	79	424694	40.01	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	859570	36.95	ng		61
17) 2-Methylphenol	7.07	107	438165	41.54	ng	#	91
18) Hexachloroethane	7.30	117	207279	41.66	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	398782	43.69	ng		94
20) 3+4-Methylphenols	7.22	107	600103	47.59	ng	#	80
22) Acetophenone	7.21	105	743725	43.23	ng	#	97
24) Nitrobenzene	7.38	77	563902	40.58	ng		99
25) Isophorone	7.62	82	1106372	43.88	ng		95
26) 2-Nitrophenol	7.70	139	303602	45.97	ng		98
27) 2,4-Dimethylphenol	7.74	122	495213	42.69	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	717611	42.97	ng		100
29) 2,4-Dichlorophenol	7.95	162	475179	43.92	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	466656	40.03	ng		95
31) Naphthalene	8.10	128	1537131	40.24	ng		99
32) Benzoic acid	7.89	122	271570	42.32	ng		99
33) 4-Chloroaniline	8.16	127	140099	9.35	ng		98
34) Hexachlorobutadiene	8.21	225	256043	39.92	ng		99
35) Caprolactam	8.54	113	166106m	48.81	ng		
36) 4-Chloro-3-methylphenol	8.66	107	523800	46.44	ng		98
37) 2-Methylnaphthalene	8.78	142	999103	40.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	448116	46.62	ng		98
40) Hexachlorocyclopentadiene	8.93	237	225158	51.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	327504	51.86	ng		94
43) 2,4,5-Trichlorophenol	9.13	196	317618	45.90	ng	#	87
45) 1,1'-Biphenyl	9.25	154	1225815	49.44	ng		98
46) 2-Chloronaphthalene	9.28	162	916589	47.26	ng		96
47) 2-Nitroaniline	9.38	65	291989	44.78	ng		94
48) Acenaphthylene	9.69	152	1352369	40.36	ng		99
49) Dimethylphthalate	9.56	163	1147811	49.77	ng		100
50) 2,6-Dinitrotoluene	9.63	165	255969	51.39	ng	#	83
51) Acenaphthene	9.86	154	803627	40.12	ng		95
52) 3-Nitroaniline	9.79	138	99165	17.40	ng		94
53) 2,4-Dinitrophenol	9.92	184	199901	78.96	ng	#	76
54) Dibenzofuran	10.03	168	1165384	43.49	ng		96
55) 4-Nitrophenol	9.98	139	292782	71.32	ng		89
56) 2,4-Dinitrotoluene	10.04	165	294370	44.39	ng	#	60
57) Fluorene	10.37	166	914703	44.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	236198	51.17	ng		93
59) Diethylphthalate	10.25	149	1043030	47.99	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	422741	42.69	ng		93
61) 4-Nitroaniline	10.42	138	262841	45.02	ng	#	77
62) Azobenzene	10.52	77	1166725	51.96	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	163758	42.42	ng		94
65) n-Nitrosodiphenylamine	10.49	169	810095	39.68	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	278052	41.64	ng		92
67) Hexachlorobenzene	10.92	284	254654	38.59	ng	#	84
68) Atrazine	11.02	200	285551	43.58	ng		92
69) Pentachlorophenol	11.13	266	221264	66.31	ng		98
70) Phenanthrene	11.33	178	1334914	36.46	ng		99
71) Anthracene	11.39	178	1558658	42.39	ng		98
72) Carbazole	11.55	167	1420845	40.42	ng		98
73) Di-n-butylphthalate	11.87	149	1678946	44.17	ng	#	97
74) Fluoranthene	12.52	202	1383654	36.64	ng		98
76) Benzidine	12.65	184	353371	15.86	ng		96
77) Pyrene	12.75	202	1396530	35.70	ng		100
79) Butylbenzylphthalate	13.37	149	721405	45.41	ng	#	79
80) Benzo(a)anthracene	13.94	228	1196466	37.42	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	253983	22.29	ng	#	95
82) Chrysene	13.97	228	977591	32.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	886715	40.81	ng		99
84) Di-n-octyl phthalate	14.53	149	1533738	43.35	ng		98
85) Indeno(1,2,3-cd)pyrene	16.75	276	847042	36.53	ng	#	94
87) Benzo(b)fluoranthene	14.97	252	1132238m	44.46	ng		
88) Benzo(k)fluoranthene	14.99	252	797745m	36.28	ng		
89) Benzo(a)pyrene	15.31	252	922077	41.86	ng		97
90) Dibenzo(a,h)anthracene	16.75	278	708964	39.82	ng		99
91) Benzo(g,h,i)perylene	17.16	276	746372	41.50	ng	#	93

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

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