Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093007.D
Acq On : 17 Feb 2017 13:46
Operator : SJ/MA
Sample : PB97012BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Manual Integrations APPROVED
mohammad
2/20/2017 12:59:35 PM

Quant Time: Feb 17 22:33:40 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	175499	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	701695	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	368049	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	620839	20.00	ng		0.00
75) Chrysene-d12	14.02	240	549988	20.00	ng		0.00
86) Perylene-d12	15.45	264	477150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1392674	136.14	ng		0.02
7) Phenol-d6	6.50	99	1612442	122.51	ng		0.01
23) Nitrobenzene-d5	7.42	82	1042915	82.77	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	373729	140.40	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1725224	84.92	ng		0.00
78) Terphenyl-d14	12.97	244	1671519	71.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	206650	37.39	ng	#	84
3) Pyridine	3.24	79	552409	39.30	ng		90
4) n-Nitrosodimethylamine	3.21	42	290565	44.03	ng		90
6) Aniline	6.52	93	354074	19.72	ng	#	51
8) 2-Chlorophenol	6.64	128	481724	42.69	ng		87
9) Benzaldehyde	6.40	77	108676	11.53	ng		94
10) Phenol	6.51	94	580038	37.67	ng		86
11) bis(2-Chloroethyl)ether	6.59	93	472135	38.41	ng		90
12) 1,3-Dichlorobenzene	6.80	146	570347	43.15	ng		99
13) 1,4-Dichlorobenzene	6.86	146	552037	41.26	ng		99
14) 1,2-Dichlorobenzene	7.02	146	551448	43.11	ng		96
15) Benzyl Alcohol	7.00	79	418984	43.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	910676	42.65	ng		94
17) 2-Methylphenol	7.12	107	419002	43.28	ng		97
18) Hexachloroethane	7.37	117	196742	43.08	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	355751	42.46	ng		99
20) 3+4-Methylphenols	7.28	107	522179	45.11	ng		91
22) Acetophenone	7.26	105	663094	41.39	ng	#	93
24) Nitrobenzene	7.45	77	553454	42.78	ng	#	80
25) Isophorone	7.69	82	1032258	43.96	ng		99
26) 2-Nitrophenol	7.76	139	275069	44.72	ng		98
27) 2,4-Dimethylphenol	7.80	122	498416	46.14	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	648739	41.72	ng		99
29) 2,4-Dichlorophenol	8.01	162	451913	44.86	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	455930	42.00	ng		99
31) Naphthalene	8.17	128	1447341	40.69	ng		98
32) Benzoic acid	7.94	122	306057	49.71	ng		96
33) 4-Chloroaniline	8.21	127	153139	10.98	ng		98
34) Hexachlorobutadiene	8.28	225	242549	40.61	ng		98
35) Caprolactam	8.59	113	142594m	45.00	ng		
36) 4-Chloro-3-methylphenol	8.70	107	453906	43.22	ng		100
37) 2-Methylnaphthalene	8.85	142	947394	41.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	438319	42.43	ng		99
40) Hexachlorocyclopentadiene	9.00	237	371837	79.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	321365m	47.34	ng		
43) 2,4,5-Trichlorophenol	9.18	196	326857m	43.94	ng		
45) 1,1'-Biphenyl	9.32	154	1213156	45.52	ng		99
46) 2-Chloronaphthalene	9.34	162	933676	44.78	ng		99
47) 2-Nitroaniline	9.45	65	317160	45.25	ng	#	73
48) Acenaphthylene	9.76	152	1387285	38.52	ng		99
49) Dimethylphthalate	9.63	163	1137418	45.88	ng		99
50) 2,6-Dinitrotoluene	9.69	165	250435	46.78	ng	#	92
51) Acenaphthene	9.93	154	921117	42.78	ng		97
52) 3-Nitroaniline	9.85	138	119480	19.50	ng		92
53) 2,4-Dinitrophenol	9.96	184	226075	82.83	ng	#	59
54) Dibenzofuran	10.10	168	1171739	40.68	ng		98
55) 4-Nitrophenol	10.03	139	346612	78.55	ng		92
56) 2,4-Dinitrotoluene	10.10	165	319290	44.80	ng	#	83
57) Fluorene	10.44	166	855851	38.63	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246827	49.74	ng		97
59) Diethylphthalate	10.33	149	1055332	45.17	ng	#	93
60) 4-Chlorophenyl-phenylether	10.43	204	422405	39.68	ng		97
61) 4-Nitroaniline	10.48	138	276361	44.04	ng		86
62) Azobenzene	10.59	77	1164820	48.26	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	164890	43.88	ng	#	52
65) n-Nitrosodiphenylamine	10.56	169	799070	40.29	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	252859	38.98	ng		94
67) Hexachlorobenzene	10.99	284	257602	40.19	ng	#	88
68) Atrazine	11.09	200	278274	43.72	ng		90
69) Pentachlorophenol	11.18	266	294902	88.30	ng		95
70) Phenanthrene	11.40	178	1349060	37.93	ng		99
71) Anthracene	11.46	178	1522117	42.61	ng		99
72) Carbazole	11.62	167	1395718	40.88	ng	#	97
73) Di-n-butylphthalate	11.94	149	1526439	41.34	ng		98
74) Fluoranthene	12.59	202	1358773	37.03	ng		98
76) Benzidine	12.72	184	437319	18.66	ng		96
77) Pyrene	12.82	202	1374312	33.39	ng		100
79) Butylbenzylphthalate	13.44	149	691967	41.40	ng		93
80) Benzo(a)anthracene	14.01	228	1190697	35.40	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	279840	23.34	ng	#	94
82) Chrysene	14.04	228	1085904m	34.48	ng		
83) Bis(2-ethylhexyl)phthalate	14.00	149	966270	42.27	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1599341	42.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1101161	45.14	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1208182	38.47	ng		99
88) Benzo(k)fluoranthene	15.07	252	1191723m	43.95	ng		
89) Benzo(a)pyrene	15.39	252	1133357	41.72	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	925991	42.17	ng		98
91) Benzo(g,h,i)perylene	17.29	276	911790	41.11	ng	#	94

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

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