Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093735.D
Acq On : 18 Mar 2017 6:26
Operator : SJ/MA
Sample : PB97674BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97674BS

Manual Integrations APPROVED
mohammad
3/20/2017 12:58:23 PM

Quant Time: Mar 18 06:55:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	203073	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	825007	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	388214	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	672558	20.00	ng		0.00
75) Chrysene-d12	14.00	240	435357	20.00	ng		0.00
86) Perylene-d12	15.41	264	437674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1660339	136.31	ng		0.02
7) Phenol-d6	6.48	99	1928250	127.73	ng		0.00
23) Nitrobenzene-d5	7.41	82	1260638	91.71	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	400333	157.57	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	2005000	97.46	ng		0.00
78) Terphenyl-d14	12.95	244	1615463	79.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	245689	39.06	ng		99
3) Pyridine	3.25	79	726405	42.23	ng		100
4) n-Nitrosodimethylamine	3.19	42	337786	44.87	ng		96
6) Aniline	6.50	93	408738	18.94	ng	#	84
8) 2-Chlorophenol	6.63	128	592476	43.75	ng		94
9) Benzaldehyde	6.39	77	285848	32.71	ng		99
10) Phenol	6.49	94	616377	34.92	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	555751	39.95	ng		98
12) 1,3-Dichlorobenzene	6.79	146	664498	44.29	ng		99
13) 1,4-Dichlorobenzene	6.87	146	677776	44.11	ng		99
14) 1,2-Dichlorobenzene	7.02	146	581783	40.49	ng		99
15) Benzyl Alcohol	6.98	79	541408	47.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	879476	40.10	ng		100
17) 2-Methylphenol	7.11	107	562372	47.97	ng		96
18) Hexachloroethane	7.36	117	236238	43.28	ng	#	75
19) n-Nitroso-di-n-propylamine	7.27	70	436873	43.58	ng		100
20) 3+4-Methylphenols	7.26	107	569020	40.94	ng		98
22) Acetophenone	7.26	105	774946	42.16	ng	#	99
24) Nitrobenzene	7.43	77	681601	45.87	ng		97
25) Isophorone	7.67	82	1196061	45.20	ng		98
26) 2-Nitrophenol	7.75	139	332689	59.13	ng		99
27) 2,4-Dimethylphenol	7.80	122	627173	48.71	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	773367	46.31	ng		100
29) 2,4-Dichlorophenol	7.99	162	542456	49.04	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	536937	46.57	ng		98
31) Naphthalene	8.15	128	1727899	42.96	ng		99
32) Benzoic acid	7.92	122	403505	50.47	ng		94
33) 4-Chloroaniline	8.20	127	146909	8.72	ng		97
34) Hexachlorobutadiene	8.29	225	270126	44.73	ng		99
35) Caprolactam	8.57	113	196346m	52.88	ng		
36) 4-Chloro-3-methylphenol	8.69	107	581915	49.96	ng		88
37) 2-Methylnaphthalene	8.85	142	1200628	46.09	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	452638	49.80	ng		99
40) Hexachlorocyclopentadiene	9.01	237	441208	97.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	374569	55.88	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	347065	50.22	ng	#	85
45) 1,1'-Biphenyl	9.32	154	1424698	52.34	ng		98
46) 2-Chloronaphthalene	9.34	162	1099487	50.34	ng		100
47) 2-Nitroaniline	9.42	65	308651	48.84	ng		99
48) Acenaphthylene	9.75	152	1790703	50.27	ng		100
49) Dimethylphthalate	9.61	163	1202105	47.41	ng		100
50) 2,6-Dinitrotoluene	9.67	165	314680	57.45	ng		96
51) Acenaphthene	9.92	154	1171194	55.79	ng		99
52) 3-Nitroaniline	9.83	138	119412	18.38	ng		92
53) 2,4-Dinitrophenol	9.94	184	257052	97.47	ng	#	49
54) Dibenzofuran	10.09	168	1507176	52.82	ng		98
55) 4-Nitrophenol	10.00	139	598296	122.04	ng		86
56) 2,4-Dinitrotoluene	10.07	165	359416	49.30	ng	#	72
57) Fluorene	10.44	166	1126832	48.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	268539	56.51	ng		98
59) Diethylphthalate	10.32	149	1271420	52.68	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	443084	45.43	ng		99
61) 4-Nitroaniline	10.45	138	285363	47.19	ng		90
62) Azobenzene	10.58	77	1323497	54.27	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	187037	51.77	ng	#	46
65) n-Nitrosodiphenylamine	10.55	169	1095073	48.23	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	299256	47.07	ng		99
67) Hexachlorobenzene	10.98	284	321374	48.36	ng		96
68) Atrazine	11.08	200	350844	53.66	ng		96
69) Pentachlorophenol	11.17	266	362846	95.31	ng		99
70) Phenanthrene	11.38	178	1651112	43.42	ng		100
71) Anthracene	11.44	178	1645605	44.23	ng		100
72) Carbazole	11.59	167	1497622	38.45	ng		100
73) Di-n-butylphthalate	11.93	149	1763504	44.29	ng		100
74) Fluoranthene	12.57	202	1673089	45.40	ng		100
76) Benzidine	12.69	184	651206	38.28	ng		96
77) Pyrene	12.80	202	1755952	47.43	ng		100
79) Butylbenzylphthalate	13.43	149	862454	54.83	ng		94
80) Benzo(a)anthracene	13.98	228	1324249	47.39	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	206328	21.05	ng		97
82) Chrysene	14.03	228	1315911	48.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	883054	51.06	ng		100
84) Di-n-octyl phthalate	14.60	149	1814857	56.92	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	1167638	51.05	ng		99
87) Benzo(b)fluoranthene	15.01	252	1212868	43.72	ng		99
88) Benzo(k)fluoranthene	15.04	252	1180342m	48.14	ng		
89) Benzo(a)pyrene	15.35	252	1123782	45.83	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	976812	47.09	ng		97
91) Benzo(g,h,i)perylene	17.20	276	983448	46.62	ng		95

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

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