Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093079.D
Acq On : 22 Feb 2017 17:01
Operator : SJ/MA
Sample : PB97097BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Manual Integrations APPROVED
mohammad
2/23/2017 1:16:03 PM

Quant Time: Feb 23 00:16:41 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	6.84	152	157544	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	629452	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	295700	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	565567	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	522645	20.00	ng		-0.02
86) Perylene-d12	15.41	264	413238	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1266854	137.96	ng		0.00
7) Phenol-d6	6.49	99	1567452	132.66	ng		0.00
23) Nitrobenzene-d5	7.41	82	1020180	90.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	339045	158.53	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1621475	99.34	ng		-0.02
78) Terphenyl-d14	12.94	244	1532133	68.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	194939	39.29	ng	#	85
3) Pyridine	3.20	79	480399	38.07	ng		91
4) n-Nitrosodimethylamine	3.16	42	260913	44.04	ng		89
6) Aniline	6.50	93	303477	18.83	ng	#	24
8) 2-Chlorophenol	6.62	128	454184	44.83	ng		98
9) Benzaldehyde	6.38	77	226097	26.71	ng		93
10) Phenol	6.50	94	661375	47.84	ng		80
11) bis(2-Chloroethyl)ether	6.58	93	461228	41.80	ng		95
12) 1,3-Dichlorobenzene	6.77	146	480229m	40.47	ng		
13) 1,4-Dichlorobenzene	6.85	146	503382	41.92	ng		98
14) 1,2-Dichlorobenzene	7.01	146	458857m	39.96	ng		
15) Benzyl Alcohol	6.99	79	384166	43.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	791604	41.30	ng		99
17) 2-Methylphenol	7.10	107	395363	45.49	ng		97
18) Hexachloroethane	7.34	117	165322	40.33	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	326602	43.42	ng		94
20) 3+4-Methylphenols	7.26	107	468630	45.10	ng	#	80
22) Acetophenone	7.25	105	608942	42.37	ng	#	94
24) Nitrobenzene	7.42	77	481149	41.45	ng		96
25) Isophorone	7.66	82	915488	43.46	ng		96
26) 2-Nitrophenol	7.74	139	269179	48.79	ng		92
27) 2,4-Dimethylphenol	7.79	122	441532	45.57	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	614257	44.03	ng		99
29) 2,4-Dichlorophenol	7.98	162	398225	44.07	ng		89
30) 1,2,4-Trichlorobenzene	8.06	180	410375	42.14	ng		95
31) Naphthalene	8.14	128	1290174	40.43	ng		99
32) Benzoic acid	7.93	122	205040	38.94	ng		96
33) 4-Chloroaniline	8.20	127	116696	9.33	ng		95
34) Hexachlorobutadiene	8.26	225	206966	38.63	ng		99
35) Caprolactam	8.58	113	138785m	48.82	ng		
36) 4-Chloro-3-methylphenol	8.69	107	447385	47.49	ng		94
37) 2-Methylnaphthalene	8.83	142	876531	42.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	378220	45.57	ng		99
40) Hexachlorocyclopentadiene	8.99	237	353484	94.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	270867	49.66	ng		91
43) 2,4,5-Trichlorophenol	9.16	196	282646	47.30	ng	#	89
45) 1,1'-Biphenyl	9.30	154	1045712	48.84	ng		98
46) 2-Chloronaphthalene	9.32	162	801510	47.85	ng		95
47) 2-Nitroaniline	9.42	65	288677	51.26	ng		97
48) Acenaphthylene	9.73	152	1266604	43.77	ng		98
49) Dimethylphthalate	9.61	163	1038461	52.14	ng		100
50) 2,6-Dinitrotoluene	9.66	165	202026	46.97	ng	#	76
51) Acenaphthene	9.90	154	754238	43.60	ng		96
52) 3-Nitroaniline	9.84	138	94959	19.29	ng		85
53) 2,4-Dinitrophenol	9.95	184	226239	102.01	ng	#	80
54) Dibenzofuran	10.09	168	1130584	48.86	ng	#	88
55) 4-Nitrophenol	10.02	139	341459	96.31	ng	#	64
56) 2,4-Dinitrotoluene	10.08	165	297935	52.03	ng		91
57) Fluorene	10.42	166	807639	45.37	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	222206	55.74	ng		98
59) Diethylphthalate	10.30	149	993006	52.90	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	403681	47.20	ng	#	76
61) 4-Nitroaniline	10.45	138	228513	45.32	ng		93
62) Azobenzene	10.58	77	1074618	55.42	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	162357	47.21	ng		92
65) n-Nitrosodiphenylamine	10.53	169	733587	40.60	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	239609	40.55	ng		93
67) Hexachlorobenzene	10.97	284	229064	39.23	ng	#	84
68) Atrazine	11.07	200	276048	47.61	ng		93
69) Pentachlorophenol	11.17	266	260696	85.90	ng		97
70) Phenanthrene	11.38	178	1238486	38.22	ng		99
71) Anthracene	11.44	178	1367869	42.04	ng		99
72) Carbazole	11.60	167	1330746	42.78	ng		98
73) Di-n-butylphthalate	11.92	149	1381967	41.08	ng		98
74) Fluoranthene	12.57	202	1233036	36.89	ng		99
76) Benzidine	12.69	184	466226	20.93	ng		97
77) Pyrene	12.80	202	1292307	33.04	ng		99
79) Butylbenzylphthalate	13.41	149	618683	38.95	ng		96
80) Benzo(a)anthracene	13.98	228	1153681	36.09	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	207055	18.17	ng	#	95
82) Chrysene	14.02	228	983808	32.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	868632	39.99	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1486242	42.02	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	880721	37.99	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	1116049	41.03	ng		99
88) Benzo(k)fluoranthene	15.05	252	1039893m	44.28	ng		
89) Benzo(a)pyrene	15.37	252	1010948	42.97	ng	#	96
90) Dibenzo(a,h)anthracene	16.83	278	744387	39.15	ng		97
91) Benzo(g,h,i)perylene	17.24	276	734858	38.25	ng	#	95

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

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