Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093550.D
Acq On : 11 Mar 2017 4:27
Operator : SJ/MA
Sample : PB97501BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Manual Integrations APPROVED
mohammad
3/13/2017 5:29:18 PM

Quant Time: Mar 11 06:02:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173127	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	704044	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	337101	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	614847	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	493789	20.00	ng		-0.01
86) Perylene-d12	15.31	264	397241	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	996053	95.75	ng		0.00
7) Phenol-d6	6.41	99	1178797	89.86	ng		0.00
23) Nitrobenzene-d5	7.32	82	1017635	80.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	205195	93.43	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1599365	88.25	ng		-0.03
78) Terphenyl-d14	12.85	244	1521516	80.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	212322	37.06	ng	#	85
3) Pyridine	2.98	79	515542	35.29	ng		87
4) n-Nitrosodimethylamine	2.96	42	310536	44.51	ng		86
6) Aniline	6.41	93	170781	9.49	ng	#	72
8) 2-Chlorophenol	6.54	128	466675	40.04	ng		97
9) Benzaldehyde	6.31	77	55058	4.71	ng		95
10) Phenol	6.42	94	651083	40.51	ng	#	75
11) bis(2-Chloroethyl)ether	6.48	93	491214	37.81	ng		93
12) 1,3-Dichlorobenzene	6.68	146	511959m	38.38	ng		
13) 1,4-Dichlorobenzene	6.76	146	541960	39.68	ng		97
14) 1,2-Dichlorobenzene	6.92	146	455485	37.66	ng		95
15) Benzyl Alcohol	6.90	79	368698	39.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	829116	38.42	ng	#	44
17) 2-Methylphenol	7.03	107	394147	39.98	ng	#	89
18) Hexachloroethane	7.25	117	184982	40.16	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	374874	41.57	ng		95
20) 3+4-Methylphenols	7.19	107	554283	43.35	ng	#	69
22) Acetophenone	7.17	105	685077	40.44	ng	#	91
24) Nitrobenzene	7.34	77	577141	40.47	ng		94
25) Isophorone	7.58	82	980960	38.34	ng		100
26) 2-Nitrophenol	7.66	139	257909	39.64	ng		90
27) 2,4-Dimethylphenol	7.70	122	433987	41.00	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	608931	37.70	ng		98
29) 2,4-Dichlorophenol	7.91	162	419727	42.15	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	399590	37.73	ng	#	96
31) Naphthalene	8.05	128	1290431	36.58	ng		99
32) Benzoic acid	7.86	122	189103	34.38	ng		96
33) 4-Chloroaniline	8.13	127	40253	2.81	ng		94
34) Hexachlorobutadiene	8.16	225	214898	39.40	ng		99
35) Caprolactam	8.49	113	141732m	41.68	ng		
36) 4-Chloro-3-methylphenol	8.62	107	453023	42.62	ng		99
37) 2-Methylnaphthalene	8.74	142	898107	40.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	371399	40.35	ng		99
40) Hexachlorocyclopentadiene	8.88	237	183055	78.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	259068	45.05	ng		91
43) 2,4,5-Trichlorophenol	9.09	196	249043	40.36	ng		92
45) 1,1'-Biphenyl	9.20	154	1035766	42.18	ng		97
46) 2-Chloronaphthalene	9.22	162	814142	43.31	ng		95
47) 2-Nitroaniline	9.34	65	285431	42.95	ng	#	85
48) Acenaphthylene	9.64	152	1270767	40.99	ng		99
49) Dimethylphthalate	9.51	163	989306	44.27	ng		99
50) 2,6-Dinitrotoluene	9.58	165	194021	39.57	ng	#	38
51) Acenaphthene	9.81	154	732864	39.98	ng		96
52) 3-Nitroaniline	9.77	138	19526	3.31	ng	#	86
53) 2,4-Dinitrophenol	9.89	184	73172	32.77	ng	#	72
54) Dibenzofuran	9.99	168	1131161	49.30	ng		94
55) 4-Nitrophenol	9.96	139	172617m	60.32	ng		
56) 2,4-Dinitrotoluene	9.99	165	261169	43.35	ng	#	62
57) Fluorene	10.33	166	861888	44.33	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	201580	46.29	ng		98
59) Diethylphthalate	10.21	149	974547	45.63	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	411836	47.26	ng	#	77
61) 4-Nitroaniline	10.38	138	172426	28.62	ng		91
62) Azobenzene	10.48	77	1213939	50.02	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	111584	28.01	ng		87
65) n-Nitrosodiphenylamine	10.45	169	706788	34.43	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	228165	35.09	ng	#	89
67) Hexachlorobenzene	10.88	284	235637	37.95	ng	#	89
68) Atrazine	10.97	200	169156	28.15	ng		98
69) Pentachlorophenol	11.09	266	96107	44.84	ng		99
70) Phenanthrene	11.29	178	1317616	37.54	ng		98
71) Anthracene	11.34	178	1329214	37.44	ng		99
72) Carbazole	11.51	167	1086477	32.58	ng		97
73) Di-n-butylphthalate	11.82	149	1492151	38.67	ng		98
74) Fluoranthene	12.47	202	1305196	38.50	ng		95
77) Pyrene	12.70	202	1311421	36.52	ng		100
79) Butylbenzylphthalate	13.32	149	652787	43.18	ng		96
80) Benzo(a)anthracene	13.90	228	1153832	39.57	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	36098	3.53	ng	#	91
82) Chrysene	13.93	228	1130879	41.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	963227	45.71	ng	#	97
84) Di-n-octyl phthalate	14.48	149	1518479	43.24	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	879006	38.92	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	1021529m	42.22	ng		
88) Benzo(k)fluoranthene	14.94	252	918254m	39.36	ng		
89) Benzo(a)pyrene	15.26	252	930969	42.10	ng		96
90) Dibenzo(a,h)anthracene	16.67	278	759794	41.54	ng	#	95
91) Benzo(g,h,i)perylene	17.08	276	754051	40.16	ng	#	93

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

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