Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093336.D
Acq On : 2 Mar 2017 22:23
Operator : SJ/MA
Sample : PB97297BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:51 PM

Quant Time: Mar 03 01:20:03 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 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152237	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	596962	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	284122	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	522026	20.00	ng		0.00
75) Chrysene-d12	13.97	240	411644	20.00	ng		-0.01
86) Perylene-d12	15.39	264	320925	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1164532	131.24	ng		0.00
7) Phenol-d6	6.45	99	1539874	134.87	ng		0.00
23) Nitrobenzene-d5	7.37	82	963254	89.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	290982	141.60	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1467751	93.59	ng		0.00
78) Terphenyl-d14	12.92	244	1337035	76.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	163609	34.12	ng	#	81
3) Pyridine	3.07	79	502115	41.18	ng	#	79
4) n-Nitrosodimethylamine	3.04	42	280220	48.95	ng		85
6) Aniline	6.46	93	465793	29.91	ng		87
8) 2-Chlorophenol	6.58	128	434001	44.33	ng		86
9) Benzaldehyde	6.34	77	123745	15.13	ng		82
10) Phenol	6.46	94	626650	46.91	ng		86
11) bis(2-Chloroethyl)ether	6.53	93	449287	42.14	ng		91
12) 1,3-Dichlorobenzene	6.73	146	470577	41.04	ng	#	88
13) 1,4-Dichlorobenzene	6.81	146	485914	41.87	ng		100
14) 1,2-Dichlorobenzene	6.97	146	453841	40.90	ng		96
15) Benzyl Alcohol	6.96	79	354832	41.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	755854	40.80	ng		91
17) 2-Methylphenol	7.07	107	369492	44.00	ng		98
18) Hexachloroethane	7.30	117	169401	42.76	ng	#	83
19) n-Nitroso-di-n-propylamine	7.22	70	321523	44.24	ng		96
20) 3+4-Methylphenols	7.23	107	484699	48.27	ng	#	76
22) Acetophenone	7.22	105	614170	45.06	ng	#	98
24) Nitrobenzene	7.39	77	514783	46.77	ng		98
25) Isophorone	7.63	82	933510	46.73	ng		94
26) 2-Nitrophenol	7.71	139	253902	48.52	ng		96
27) 2,4-Dimethylphenol	7.76	122	436775	47.53	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	613764	46.39	ng		99
29) 2,4-Dichlorophenol	7.96	162	388685	45.35	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	374484	40.55	ng		95
31) Naphthalene	8.11	128	1220456	40.33	ng		99
32) Benzoic acid	7.92	122	177934	36.24	ng		94
33) 4-Chloroaniline	8.17	127	316499	26.67	ng		94
34) Hexachlorobutadiene	8.22	225	201492	39.65	ng		100
35) Caprolactam	8.56	113	138034m	51.20	ng		
36) 4-Chloro-3-methylphenol	8.67	107	413382	46.26	ng		97
37) 2-Methylnaphthalene	8.81	142	837624	43.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	384525	48.21	ng		99
40) Hexachlorocyclopentadiene	8.96	237	216008	60.03	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	244900	46.73	ng		90
43) 2,4,5-Trichlorophenol	9.15	196	253102	44.08	ng	#	85
45) 1,1'-Biphenyl	9.28	154	1037063	50.41	ng		99
46) 2-Chloronaphthalene	9.30	162	773037	48.03	ng		97
47) 2-Nitroaniline	9.40	65	276437	51.09	ng		87
48) Acenaphthylene	9.71	152	1186825	42.69	ng		99
49) Dimethylphthalate	9.58	163	986093	51.53	ng		100
50) 2,6-Dinitrotoluene	9.65	165	232811	56.33	ng		96
51) Acenaphthene	9.88	154	709226	42.67	ng		96
52) 3-Nitroaniline	9.82	138	166065	35.11	ng		83
53) 2,4-Dinitrophenol	9.94	184	229841	107.58	ng	#	48
54) Dibenzofuran	10.06	168	1068548	48.06	ng		93
55) 4-Nitrophenol	10.01	139	216220	63.47	ng		91
56) 2,4-Dinitrotoluene	10.06	165	271248	49.30	ng		95
57) Fluorene	10.41	166	866541	50.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	217118	56.68	ng		92
59) Diethylphthalate	10.28	149	882968	48.96	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	392578	47.77	ng	#	86
61) 4-Nitroaniline	10.44	138	228588	47.19	ng		94
62) Azobenzene	10.56	77	1096243	58.83	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	152882	48.11	ng	#	50
65) n-Nitrosodiphenylamine	10.52	169	793286	47.57	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	237738	43.59	ng	#	89
67) Hexachlorobenzene	10.96	284	229846	42.65	ng	#	93
68) Atrazine	11.06	200	251357	46.97	ng		90
69) Pentachlorophenol	11.16	266	180201	66.14	ng		99
70) Phenanthrene	11.37	178	1156521	38.67	ng		99
71) Anthracene	11.42	178	1345186	44.79	ng		99
72) Carbazole	11.58	167	1275730	44.44	ng		98
73) Di-n-butylphthalate	11.90	149	1427910	45.99	ng	#	98
74) Fluoranthene	12.56	202	1292237	41.89	ng		97
76) Benzidine	12.68	184	506741	28.89	ng		96
77) Pyrene	12.78	202	1317265	42.76	ng		99
79) Butylbenzylphthalate	13.39	149	615953	49.24	ng		99
80) Benzo(a)anthracene	13.96	228	1069453	42.48	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	260062	28.98	ng	#	98
82) Chrysene	14.01	228	1053523	44.69	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	911231	53.26	ng	#	96
84) Di-n-octyl phthalate	14.56	149	1418708	50.92	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	744234	40.76	ng	#	93
87) Benzo(b)fluoranthene	14.99	252	894429m	42.34	ng		
88) Benzo(k)fluoranthene	15.01	252	835925m	45.83	ng		
89) Benzo(a)pyrene	15.33	252	805131	44.06	ng	#	97
90) Dibenzo(a,h)anthracene	16.80	278	625900	42.38	ng		98
91) Benzo(g,h,i)perylene	17.20	276	649071	43.51	ng	#	90

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

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