Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092784.D
Acq On : 3 Feb 2017 19:21
Operator : SJ/MA
Sample : PB96697BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Manual Integrations APPROVED
mohammad
2/6/2017 12:34:00 PM

Quant Time: Feb 03 23:26:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	123394	20.00	ng		-0.05
21) Naphthalene-d8	8.21	136	517373	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	314658	20.00	ng		-0.03
63) Phenanthrene-d10	11.46	188	550072	20.00	ng		-0.03
75) Chrysene-d12	14.11	240	461081	20.00	ng		-0.03
86) Perylene-d12	15.57	264	395620	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	955946	132.91	ng		-0.03
7) Phenol-d6	6.57	99	1314910	142.09	ng		-0.03
23) Nitrobenzene-d5	7.49	82	741127	79.77	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	305058	134.04	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1526314	87.88	ng		-0.03
78) Terphenyl-d14	13.05	244	1454905	74.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	142256	36.60	ng		85
3) Pyridine	3.34	79	360699	36.50	ng		86
4) n-Nitrosodimethylamine	3.30	42	197484	42.56	ng	#	86
6) Aniline	6.59	93	216451	17.15	ng		87
8) 2-Chlorophenol	6.72	128	379943	47.88	ng		97
9) Benzaldehyde	6.48	77	205151	30.94	ng		94
10) Phenol	6.59	94	407233	37.61	ng		85
11) bis(2-Chloroethyl)ether	6.67	93	351400	40.66	ng		93
12) 1,3-Dichlorobenzene	6.86	146	405002m	43.58	ng		
13) 1,4-Dichlorobenzene	6.94	146	429385	45.65	ng		95
14) 1,2-Dichlorobenzene	7.09	146	379146	42.15	ng		97
15) Benzyl Alcohol	7.07	79	302851	44.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	611467	40.73	ng		93
17) 2-Methylphenol	7.20	107	310389	45.60	ng		98
18) Hexachloroethane	7.44	117	131626	40.99	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	270207	45.87	ng		98
20) 3+4-Methylphenols	7.34	107	379530	46.63	ng		93
22) Acetophenone	7.33	105	475852	40.28	ng	#	94
24) Nitrobenzene	7.52	77	416973	43.71	ng	#	85
25) Isophorone	7.76	82	712303	41.14	ng		97
26) 2-Nitrophenol	7.82	139	195093	43.02	ng		94
27) 2,4-Dimethylphenol	7.87	122	344918	43.31	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	458964	40.03	ng		99
29) 2,4-Dichlorophenol	8.08	162	347608	46.80	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	343799	42.95	ng		98
31) Naphthalene	8.24	128	1080808	41.21	ng		99
32) Benzoic acid	8.00	122	197226	44.35	ng		95
33) 4-Chloroaniline	8.28	127	81184	7.89	ng		97
34) Hexachlorobutadiene	8.35	225	177664	40.34	ng		100
35) Caprolactam	8.66	113	108862m	46.59	ng		
36) 4-Chloro-3-methylphenol	8.78	107	362979	46.87	ng		91
37) 2-Methylnaphthalene	8.93	142	759829	45.12	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	303657	34.38	ng		100
40) Hexachlorocyclopentadiene	9.08	237	290244	72.83	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	242073	41.71	ng		95
43) 2,4,5-Trichlorophenol	9.25	196	233439	36.71	ng		95
45) 1,1'-Biphenyl	9.40	154	883442	38.77	ng		98
46) 2-Chloronaphthalene	9.42	162	722044	40.51	ng		97
47) 2-Nitroaniline	9.52	65	253135	42.24	ng		90
48) Acenaphthylene	9.84	152	1172723	38.09	ng		99
49) Dimethylphthalate	9.70	163	886019	41.80	ng		99
50) 2,6-Dinitrotoluene	9.77	165	221736	48.44	ng		87
51) Acenaphthene	10.01	154	794485	43.16	ng		97
52) 3-Nitroaniline	9.93	138	76852	14.67	ng		95
53) 2,4-Dinitrophenol	10.04	184	192331	82.45	ng	#	75
54) Dibenzofuran	10.18	168	1048149	42.57	ng		98
55) 4-Nitrophenol	10.11	139	335187	88.85	ng		93
56) 2,4-Dinitrotoluene	10.17	165	259123	42.52	ng		96
57) Fluorene	10.52	166	786632	41.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	208108	49.06	ng		100
59) Diethylphthalate	10.41	149	937830	46.95	ng		94
60) 4-Chlorophenyl-phenylether	10.52	204	382355	42.01	ng	#	75
61) 4-Nitroaniline	10.56	138	256175	47.75	ng		90
62) Azobenzene	10.68	77	1101405	53.38	ng		92
64) 4,6-Dinitro-2-methylphenol	10.58	198	142661	42.91	ng	#	70
65) n-Nitrosodiphenylamine	10.64	169	719430	40.94	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	237739	41.37	ng	#	78
67) Hexachlorobenzene	11.07	284	225309	39.67	ng	#	76
68) Atrazine	11.17	200	261680	46.40	ng		94
69) Pentachlorophenol	11.28	266	259304	87.69	ng		99
70) Phenanthrene	11.49	178	1354378	42.98	ng		98
71) Anthracene	11.54	178	1213556	38.35	ng		99
72) Carbazole	11.70	167	1206967	39.90	ng		99
73) Di-n-butylphthalate	12.03	149	1530998	46.79	ng	#	96
74) Fluoranthene	12.68	202	1267116	38.98	ng		94
76) Benzidine	12.80	184	402494	20.49	ng		97
77) Pyrene	12.91	202	1285485	37.25	ng		99
79) Butylbenzylphthalate	13.53	149	604494	43.14	ng		87
80) Benzo(a)anthracene	14.10	228	1088921	38.61	ng		100
81) 3,3'-Dichlorobenzidine	14.07	252	174457	17.35	ng	#	94
82) Chrysene	14.13	228	864907	32.76	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	792857	41.37	ng	#	96
84) Di-n-octyl phthalate	14.69	149	1363621	43.70	ng		100
85) Indeno(1,2,3-cd)pyrene	17.05	276	944795	46.20	ng		95
87) Benzo(b)fluoranthene	15.15	252	1099759	42.23	ng		97
88) Benzo(k)fluoranthene	15.17	252	937995m	41.72	ng		
89) Benzo(a)pyrene	15.52	252	957085	42.49	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	793379	43.58	ng		97
91) Benzo(g,h,i)perylene	17.49	276	794195	43.18	ng	#	95

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

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