Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093879.D
Acq On : 23 Mar 2017 15:23
Operator : SJ/MA
Sample : PB97768BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97768BS

Manual Integrations APPROVED
mohammad
3/24/2017 4:10:41 PM

Quant Time: Mar 24 02:03:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	182533	20.00	ng		-0.01
21) Naphthalene-d8	7.48	136	739377	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	337632	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	587648	20.00	ng		-0.01
75) Chrysene-d12	14.71	240	450934	20.00	ng		0.00
86) Perylene-d12	16.34	264	322097	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	1396727	129.24	ng		0.00
7) Phenol-d6	5.57	99	1774823	132.75	ng		0.00
23) Nitrobenzene-d5	6.63	82	1091248	84.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	374364	140.32	ng		0.00
44) 2-Fluorobiphenyl	8.81	172	1956711	88.40	ng		-0.01
78) Terphenyl-d14	13.43	244	1629533	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	187056	36.03	ng		99
3) Pyridine	2.88	79	540292	38.18	ng		98
4) n-Nitrosodimethylamine	2.85	42	253499	43.54	ng		91
6) Aniline	5.60	93	318327	17.12	ng		96
8) 2-Chlorophenol	5.74	128	542458	45.67	ng		95
9) Benzaldehyde	5.46	77	157908	17.49	ng		97
10) Phenol	5.58	94	652053	42.86	ng		92
11) bis(2-Chloroethyl)ether	5.68	93	504409	42.43	ng		97
12) 1,3-Dichlorobenzene	5.91	146	569048	42.71	ng		99
13) 1,4-Dichlorobenzene	5.99	146	584085	43.28	ng		95
14) 1,2-Dichlorobenzene	6.17	146	535447	43.08	ng		95
15) Benzyl Alcohol	6.14	79	466737	47.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.30	45	746839	40.76	ng		98
17) 2-Methylphenol	6.27	107	462820	45.49	ng		98
18) Hexachloroethane	6.57	117	203491	42.90	ng	#	86
19) n-Nitroso-di-n-propylamine	6.46	70	373983	43.52	ng		96
20) 3+4-Methylphenols	6.45	107	543780	44.13	ng		93
22) Acetophenone	6.45	105	719030	43.63	ng	#	96
24) Nitrobenzene	6.65	77	548492	42.93	ng		95
25) Isophorone	6.93	82	1010418	44.38	ng		97
26) 2-Nitrophenol	7.02	139	301274	49.44	ng		97
27) 2,4-Dimethylphenol	7.08	122	502034	47.81	ng		98
28) bis(2-Chloroethoxy)methane	7.20	93	647850	43.15	ng		99
29) 2,4-Dichlorophenol	7.32	162	465200	47.39	ng		99
30) 1,2,4-Trichlorobenzene	7.42	180	453982	44.90	ng		99
31) Naphthalene	7.51	128	1525253	42.90	ng		99
32) Benzoic acid	7.24	122	374777	53.62	ng		94
33) 4-Chloroaniline	7.57	127	99136	6.88	ng	#	90
34) Hexachlorobutadiene	7.66	225	226896	43.76	ng		98
35) Caprolactam	8.02	113	156425m	49.97	ng		
36) 4-Chloro-3-methylphenol	8.17	107	493682	48.13	ng		88
37) 2-Methylnaphthalene	8.35	142	1063760	44.89	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	377302	40.85	ng		99
40) Hexachlorocyclopentadiene	8.55	237	426715	98.73	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	321394	49.18	ng		99
43) 2,4,5-Trichlorophenol	8.75	196	318276	45.01	ng		95
45) 1,1'-Biphenyl	8.93	154	1181559	43.39	ng		97
46) 2-Chloronaphthalene	8.95	162	933231	43.78	ng		94
47) 2-Nitroaniline	9.07	65	281545	44.52	ng	#	83
48) Acenaphthylene	9.46	152	1509194	42.60	ng		100
49) Dimethylphthalate	9.32	163	1099397	45.81	ng		100
50) 2,6-Dinitrotoluene	9.37	165	251594	45.73	ng	#	85
51) Acenaphthene	9.67	154	888984	43.00	ng		99
52) 3-Nitroaniline	9.57	138	95691	14.81	ng		92
53) 2,4-Dinitrophenol	9.71	184	284164	95.56	ng	#	73
54) Dibenzofuran	9.89	168	1300766	46.22	ng		99
55) 4-Nitrophenol	9.80	139	468948	92.69	ng	#	68
56) 2,4-Dinitrotoluene	9.87	165	320717	46.41	ng	#	78
57) Fluorene	10.30	166	966304	41.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	245301	50.56	ng		98
59) Diethylphthalate	10.19	149	1074055	45.28	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	410235	41.26	ng		92
61) 4-Nitroaniline	10.34	138	271185	43.74	ng		98
62) Azobenzene	10.50	77	1065633	47.49	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	181015	50.30	ng	#	72
65) n-Nitrosodiphenylamine	10.46	169	912788	44.92	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	261943	45.32	ng		99
67) Hexachlorobenzene	10.98	284	265361	45.36	ng	#	85
68) Atrazine	11.13	200	273895	45.00	ng		97
69) Pentachlorophenol	11.22	266	322317	88.51	ng		99
70) Phenanthrene	11.49	178	1424610	43.58	ng		100
71) Anthracene	11.55	178	1477536	43.90	ng		100
72) Carbazole	11.75	167	1404923	40.71	ng		98
73) Di-n-butylphthalate	12.20	149	1648556	45.93	ng		99
74) Fluoranthene	12.95	202	1478064	44.16	ng		99
76) Benzidine	13.11	184	474752	26.60	ng	#	94
77) Pyrene	13.23	202	1490290	45.54	ng		99
79) Butylbenzylphthalate	14.04	149	703681	50.47	ng	#	83
80) Benzo(a)anthracene	14.70	228	1187743	45.17	ng		98
81) 3,3'-Dichlorobenzidine	14.67	252	173812	18.49	ng	#	95
82) Chrysene	14.74	228	1056094	43.28	ng		100
83) Bis(2-ethylhexyl)phthalate	14.76	149	926050	48.68	ng	#	99
84) Di-n-octyl phthalate	15.52	149	1440014	45.31	ng		98
85) Indeno(1,2,3-cd)pyrene	17.73	276	813373	38.49	ng		99
87) Benzo(b)fluoranthene	15.93	252	931345	47.17	ng		98
88) Benzo(k)fluoranthene	15.96	252	861778	44.61	ng		96
89) Benzo(a)pyrene	16.29	252	834583	45.90	ng		100
90) Dibenzo(a,h)anthracene	17.76	278	676845	43.96	ng		97
91) Benzo(g,h,i)perylene	18.15	276	697519	44.95	ng		100

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

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