Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
Data File : BF077337.D
Acq On : 18 Feb 2015 2:40
Operator : TP/IZ
Sample : PB81761BS
Misc : S
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81761BS

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2/18/2015 4:27:46 PM

Quant Time: Feb 18 11:57:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	58939	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	244234	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	113788	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	238398	20.00	ng		0.00
75) Chrysene-d12	16.28	240	240988	20.00	ng		0.01
86) Perylene-d12	18.02	264	235823	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	407983	118.29	ng		0.01
7) Phenol-d6	6.92	99	507024	112.54	ng		0.00
23) Nitrobenzene-d5	8.06	82	267839	75.94	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	138583	130.74	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	653737	86.61	ng		0.00
78) Terphenyl-d14	14.98	244	811661	76.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	47400	31.35	ng		97
3) Pyridine	3.14	79	141359	35.42	ng		92
4) n-Nitrosodimethylamine	3.06	42	63547	33.28	ng		97
6) Aniline	6.97	93	130556	20.52	ng		99
8) 2-Chlorophenol	7.10	128	151531	37.49	ng		99
9) Benzaldehyde	6.82	77	6244	2.34	ng	#	80
10) Phenol	6.93	94	174548	33.35	ng		98
11) bis(2-Chloroethyl)ether	7.06	93	136903	34.88	ng		99
12) 1,3-Dichlorobenzene	7.30	146	158258	34.70	ng		99
13) 1,4-Dichlorobenzene	7.40	146	164211	34.93	ng		99
14) 1,2-Dichlorobenzene	7.58	146	158818	35.03	ng		99
15) Benzyl Alcohol	7.55	79	122731	35.95	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.73	45	204820	34.67	ng		98
17) 2-Methylphenol	7.69	107	116744	36.23	ng		99
18) Hexachloroethane	8.01	117	52476	34.25	ng		96
19) n-Nitroso-di-n-propylamine	7.89	70	107180	34.24	ng		95
20) 3+4-Methylphenols	7.88	107	156169	37.23	ng		99
22) Acetophenone	7.88	105	210850	36.69	ng	#	99
24) Nitrobenzene	8.09	77	146544	38.55	ng		98
25) Isophorone	8.38	82	281078	35.36	ng		99
26) 2-Nitrophenol	8.49	139	45562	39.98	ng		97
27) 2,4-Dimethylphenol	8.54	122	135431	37.40	ng		93
28) bis(2-Chloroethoxy)methane	8.67	93	184820	36.13	ng		99
29) 2,4-Dichlorophenol	8.77	162	121024	38.89	ng		98
30) 1,2,4-Trichlorobenzene	8.89	180	139778	35.37	ng		99
31) Naphthalene	8.98	128	435805	35.66	ng		99
32) Benzoic acid	8.64	122	41535	44.13	ng		96
33) 4-Chloroaniline	9.05	127	79181	15.16	ng		99
34) Hexachlorobutadiene	9.14	225	77266	35.77	ng		99
35) Caprolactam	9.47	113	37511	39.17	ng		95
36) 4-Chloro-3-methylphenol	9.65	107	124158	36.26	ng	#	73
37) 2-Methylnaphthalene	9.85	142	306986	34.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	131983	40.17	ng		99
40) Hexachlorocyclopentadiene	10.03	237	134206	82.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	84720	46.02	ng		99
43) 2,4,5-Trichlorophenol	10.23	196	89272	45.36	ng	#	93
45) 1,1'-Biphenyl	10.42	154	366629	40.41	ng		100
46) 2-Chloronaphthalene	10.44	162	279210	41.43	ng		99
47) 2-Nitroaniline	10.57	65	64274	44.84	ng		98
48) Acenaphthylene	10.96	152	472362	42.51	ng		99
49) Dimethylphthalate	10.81	163	341851	43.66	ng		99
50) 2,6-Dinitrotoluene	10.88	165	60566	42.10	ng		97
51) Acenaphthene	11.17	154	289558	43.90	ng		100
52) 3-Nitroaniline	11.08	138	50256	29.73	ng		91
53) 2,4-Dinitrophenol	11.21	184	24678	110.27	ng		90
54) Dibenzofuran	11.39	168	409824	40.96	ng		100
55) 4-Nitrophenol	11.28	139	101651	86.55	ng		87
56) 2,4-Dinitrotoluene	11.38	165	85752	47.33	ng		98
57) Fluorene	11.81	166	327628	41.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.54	232	71367	44.59	ng		98
59) Diethylphthalate	11.69	149	350753	43.03	ng		99
60) 4-Chlorophenyl-phenylether	11.83	204	157205	41.17	ng		99
61) 4-Nitroaniline	11.84	138	73276	44.04	ng		95
62) Azobenzene	12.02	77	336186	41.63	ng		97
64) 4,6-Dinitro-2-methylphenol	11.87	198	17211	40.85	ng		97
65) n-Nitrosodiphenylamine	11.96	169	284965	36.65	ng		99
66) 4-Bromophenyl-phenylether	12.43	248	97851	36.81	ng		99
67) Hexachlorobenzene	12.49	284	109159	36.20	ng		98
68) Atrazine	12.64	200	89444	38.48	ng		97
69) Pentachlorophenol	12.74	266	103533	96.45	ng		99
70) Phenanthrene	13.01	178	517937	37.39	ng		100
71) Anthracene	13.07	178	510616	37.07	ng		100
72) Carbazole	13.28	167	466621	38.53	ng		99
73) Di-n-butylphthalate	13.72	149	586465	39.34	ng		100
74) Fluoranthene	14.49	202	531305	37.98	ng		99
76) Benzidine	14.67	184	152126	20.55	ng		98
77) Pyrene	14.77	202	569418	38.22	ng		100
79) Butylbenzylphthalate	15.60	149	250758	42.26	ng		99
80) Benzo(a)anthracene	16.27	228	536149	38.20	ng		99
81) 3,3'-Dichlorobenzidine	16.24	252	130804	28.22	ng		99
82) Chrysene	16.31	228	508078	38.29	ng		100
83) Bis(2-ethylhexyl)phthalate	16.32	149	407102	40.96	ng		99
84) Di-n-octyl phthalate	17.11	149	684220	42.72	ng		98
85) Indeno(1,2,3-cd)pyrene	19.55	276	633480	41.80	ng		99
87) Benzo(b)fluoranthene	17.56	252	591839	39.04	ng	#	96
88) Benzo(k)fluoranthene	17.60	252	444453	35.49	ng		98
89) Benzo(a)pyrene	17.95	252	513280	38.90	ng	#	96
90) Dibenzo(a,h)anthracene	19.57	278	533034	39.70	ng		98
91) Benzo(g,h,i)perylene	20.00	276	533834	39.98	ng		99

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

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