Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078253.D
Acq On : 6 Apr 2015 13:27
Operator : TP/IZ
Sample : PB82420BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82420BS

Quant Time: Apr 07 01:34:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 02:08:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	40112	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	162738	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	80739	20.00	ng		0.00
63) Phenanthrene-d10	12.55	188	158538	20.00	ng		-0.01
75) Chrysene-d12	15.83	240	167703	20.00	ng		-0.02
86) Perylene-d12	17.54	264	161647	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	298653	122.76	ng		0.00
7) Phenol-d6	6.58	99	362623	118.94	ng		0.00
23) Nitrobenzene-d5	7.68	82	212087	78.99	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	96465	144.06	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	475785	84.23	ng		0.00
78) Terphenyl-d14	14.55	244	569055	76.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	31136	28.30	ng		98
3) Pyridine	2.45	79	96423	33.46	ng		98
4) n-Nitrosodimethylamine	2.38	42	47075m	42.44	ng		
6) Aniline	6.57	93	76978	17.80	ng		93
8) 2-Chlorophenol	6.72	128	115547	40.17	ng		99
9) Benzaldehyde	6.42	77	68288	33.79	ng		90
10) Phenol	6.60	94	132763	36.34	ng		97
11) bis(2-Chloroethyl)ether	6.68	93	106227	40.43	ng		97
12) 1,3-Dichlorobenzene	6.90	146	119971	37.97	ng		95
13) 1,4-Dichlorobenzene	7.00	146	122072	38.38	ng		96
14) 1,2-Dichlorobenzene	7.18	146	112837	37.83	ng		95
15) Benzyl Alcohol	7.18	79	89599	41.82	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.36	45	141855	40.48	ng		96
17) 2-Methylphenol	7.34	107	89085	39.89	ng		97
18) Hexachloroethane	7.60	117	41911	39.07	ng	#	83
19) n-Nitroso-di-n-propylamine	7.52	70	77311	38.43	ng		98
20) 3+4-Methylphenols	7.54	107	118182	39.66	ng		96
22) Acetophenone	7.49	105	157997	41.67	ng	#	90
24) Nitrobenzene	7.70	77	110079	39.22	ng	#	79
25) Isophorone	8.01	82	206265	40.48	ng		99
26) 2-Nitrophenol	8.10	139	55441	41.45	ng		96
27) 2,4-Dimethylphenol	8.18	122	99165	39.87	ng		95
28) bis(2-Chloroethoxy)methane	8.29	93	135191	41.37	ng		100
29) 2,4-Dichlorophenol	8.41	162	94759	41.88	ng		99
30) 1,2,4-Trichlorobenzene	8.49	180	97052	37.41	ng	#	97
31) Naphthalene	8.58	128	325759	38.46	ng		99
32) Benzoic acid	8.32	122	57170	48.77	ng		95
33) 4-Chloroaniline	8.67	127	52880	15.04	ng		99
34) Hexachlorobutadiene	8.74	225	55795	39.17	ng		97
35) Caprolactam	9.10	113	29333	43.43	ng	#	83
36) 4-Chloro-3-methylphenol	9.30	107	97219	42.58	ng	#	85
37) 2-Methylnaphthalene	9.44	142	222974	38.77	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.64	216	97268	38.88	ng		99
40) Hexachlorocyclopentadiene	9.63	237	95450	87.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	68559	43.45	ng		99
43) 2,4,5-Trichlorophenol	9.86	196	68393	41.49	ng	#	83
45) 1,1'-Biphenyl	10.02	154	271475	41.11	ng		98
46) 2-Chloronaphthalene	10.04	162	212398	40.88	ng		97
47) 2-Nitroaniline	10.18	65	56253	43.76	ng		92
48) Acenaphthylene	10.54	152	334174	39.83	ng		99
49) Dimethylphthalate	10.42	163	248174	40.91	ng		98
50) 2,6-Dinitrotoluene	10.49	165	53073	42.53	ng	#	53
51) Acenaphthene	10.76	154	202599	42.89	ng		99
52) 3-Nitroaniline	10.69	138	30698	21.63	ng		96
53) 2,4-Dinitrophenol	10.83	184	35515	75.37	ng		90
54) Dibenzofuran	10.98	168	313218	43.41	ng		96
55) 4-Nitrophenol	10.93	139	77502	74.37	ng	#	72
56) 2,4-Dinitrotoluene	10.98	165	71595	44.29	ng	#	41
57) Fluorene	11.40	166	253960	43.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.14	232	54984	45.00	ng		99
59) Diethylphthalate	11.30	149	246589	42.16	ng		98
60) 4-Chlorophenyl-phenylether	11.41	204	119281	44.33	ng	#	87
61) 4-Nitroaniline	11.45	138	57175	39.86	ng		95
62) Azobenzene	11.61	77	237863	44.56	ng		92
64) 4,6-Dinitro-2-methylphenol	11.48	198	29135	38.98	ng	#	70
65) n-Nitrosodiphenylamine	11.56	169	208776	38.07	ng		99
66) 4-Bromophenyl-phenylether	12.02	248	68351	40.71	ng	#	83
67) Hexachlorobenzene	12.07	284	72519	39.42	ng	#	89
68) Atrazine	12.25	200	71794	45.20	ng		98
69) Pentachlorophenol	12.33	266	67833	82.84	ng		99
70) Phenanthrene	12.58	178	367441	40.07	ng		100
71) Anthracene	12.65	178	370054	40.95	ng		99
72) Carbazole	12.85	167	349370	41.25	ng		99
73) Di-n-butylphthalate	13.32	149	412395	42.99	ng		99
74) Fluoranthene	14.05	202	395000	40.84	ng		91
76) Benzidine	14.24	184	112873	17.48	ng		99
77) Pyrene	14.33	202	414455	39.37	ng		99
79) Butylbenzylphthalate	15.17	149	177939	44.35	ng	#	79
80) Benzo(a)anthracene	15.81	228	394321	39.52	ng		99
81) 3,3'-Dichlorobenzidine	15.80	252	81058	24.26	ng	#	99
82) Chrysene	15.86	228	365119	38.95	ng		99
83) Bis(2-ethylhexyl)phthalate	15.89	149	270818	43.03	ng		96
84) Di-n-octyl phthalate	16.68	149	460819	44.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.83	276	422590	39.73	ng	#	86
87) Benzo(b)fluoranthene	17.09	252	398990	39.94	ng	#	94
88) Benzo(k)fluoranthene	17.13	252	342734m	38.60	ng		
89) Benzo(a)pyrene	17.47	252	362427	41.57	ng	#	96
90) Dibenzo(a,h)anthracene	18.85	278	326558	37.41	ng		97
91) Benzo(g,h,i)perylene	19.21	276	339020	38.74	ng		98

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

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