Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077798.D
Acq On : 18 Mar 2015 13:12
Operator : TP/IZ
Sample : PB82120BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82120BSD

Quant Time: Mar 19 01:48:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 14:04:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	49771	20.00	ng		-0.01
21) Naphthalene-d8	8.74	136	204249	20.00	ng		-0.01
38) Acenaphthene-d10	10.91	164	104524	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	196893	20.00	ng		0.00
75) Chrysene-d12	16.03	240	205095	20.00	ng		0.00
86) Perylene-d12	17.78	264	196361	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	380549	133.46	ng		-0.01
7) Phenol-d6	6.73	99	456756	129.65	ng		-0.01
23) Nitrobenzene-d5	7.86	82	271298	87.07	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	118463	118.46	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	600735	84.46	ng		0.00
78) Terphenyl-d14	14.74	244	660056	78.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	34232	26.44	ng	#	100
3) Pyridine	2.75	79	102209	29.38	ng		100
4) n-Nitrosodimethylamine	2.68	42	50878	33.59	ng		99
6) Aniline	6.75	93	108467	21.53	ng	#	53
8) 2-Chlorophenol	6.89	128	136888	40.33	ng		100
9) Benzaldehyde	6.60	77	12226	8.47	ng		93
10) Phenol	6.74	94	158233	38.00	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	129708	41.58	ng		98
12) 1,3-Dichlorobenzene	7.08	146	136214	36.08	ng		99
13) 1,4-Dichlorobenzene	7.18	146	139737	35.63	ng		100
14) 1,2-Dichlorobenzene	7.37	146	136091	37.85	ng		99
15) Benzyl Alcohol	7.34	79	104308	37.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	162008	38.54	ng		99
17) 2-Methylphenol	7.49	107	108694	39.34	ng		97
18) Hexachloroethane	7.78	117	47279	36.75	ng		98
19) n-Nitroso-di-n-propylamine	7.68	70	87173	35.77	ng		95
20) 3+4-Methylphenols	7.69	107	139399	38.45	ng		97
22) Acetophenone	7.68	105	183426	40.57	ng	#	93
24) Nitrobenzene	7.88	77	130120	38.76	ng	#	78
25) Isophorone	8.18	82	244189	38.81	ng		99
26) 2-Nitrophenol	8.27	139	67397	41.01	ng		96
27) 2,4-Dimethylphenol	8.34	122	127983	42.75	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	152684	39.98	ng		97
29) 2,4-Dichlorophenol	8.57	162	115864	40.60	ng		97
30) 1,2,4-Trichlorobenzene	8.67	180	118519	37.12	ng		98
31) Naphthalene	8.76	128	396587	37.81	ng		100
32) Benzoic acid	8.45	122	49835	31.01	ng		97
33) 4-Chloroaniline	8.84	127	97686	22.95	ng		98
34) Hexachlorobutadiene	8.92	225	65714	36.31	ng		97
35) Caprolactam	9.26	113	33495	40.16	ng		99
36) 4-Chloro-3-methylphenol	9.45	107	112232	39.09	ng		86
37) 2-Methylnaphthalene	9.62	142	266427	37.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	112886	36.21	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	111008	71.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	81471	37.73	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	88775	38.05	ng	#	88
45) 1,1'-Biphenyl	10.20	154	317225	37.97	ng		98
46) 2-Chloronaphthalene	10.22	162	258126	38.01	ng		97
47) 2-Nitroaniline	10.35	65	66438	39.40	ng	#	81
48) Acenaphthylene	10.73	152	400630	35.48	ng		99
49) Dimethylphthalate	10.59	163	286871	37.00	ng		99
50) 2,6-Dinitrotoluene	10.67	165	68376	42.55	ng	#	72
51) Acenaphthene	10.94	154	231478	35.75	ng		98
52) 3-Nitroaniline	10.86	138	53953	28.91	ng		87
53) 2,4-Dinitrophenol	11.00	184	47575	80.53	ng	#	82
54) Dibenzofuran	11.16	168	358833	37.37	ng		94
55) 4-Nitrophenol	11.09	139	114916	83.12	ng		92
56) 2,4-Dinitrotoluene	11.16	165	89043	42.49	ng	#	81
57) Fluorene	11.59	166	293338	36.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	68422	38.09	ng	#	100
59) Diethylphthalate	11.47	149	285256	37.76	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	134213	36.88	ng		92
61) 4-Nitroaniline	11.62	138	68408	36.78	ng		81
62) Azobenzene	11.79	77	268305	37.16	ng		93
64) 4,6-Dinitro-2-methylphenol	11.67	198	33768	37.37	ng	#	70
65) n-Nitrosodiphenylamine	11.75	169	253060	38.60	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	81066	38.58	ng	#	87
67) Hexachlorobenzene	12.26	284	86392	37.42	ng	#	91
68) Atrazine	12.42	200	72523	39.47	ng		94
69) Pentachlorophenol	12.51	266	91313	75.69	ng		97
70) Phenanthrene	12.77	178	427467	37.82	ng		99
71) Anthracene	12.84	178	450965	40.38	ng		99
72) Carbazole	13.05	167	420802	39.61	ng		99
73) Di-n-butylphthalate	13.51	149	455501	38.24	ng		99
74) Fluoranthene	14.25	202	472392	37.89	ng		96
76) Benzidine	14.43	184	159594	31.35	ng		99
77) Pyrene	14.53	202	506376	39.26	ng		99
79) Butylbenzylphthalate	15.37	149	196236	38.59	ng		98
80) Benzo(a)anthracene	16.02	228	464178	38.18	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	119113	29.70	ng	#	98
82) Chrysene	16.07	228	441659	40.40	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	284594	36.95	ng	#	95
84) Di-n-octyl phthalate	16.89	149	475056	36.07	ng		100
85) Indeno(1,2,3-cd)pyrene	19.17	276	487954	35.76	ng	#	100
87) Benzo(b)fluoranthene	17.33	252	454899	35.49	ng	#	96
88) Benzo(k)fluoranthene	17.37	252	443895	44.33	ng		98
89) Benzo(a)pyrene	17.71	252	435929	40.76	ng	#	96
90) Dibenzo(a,h)anthracene	19.21	278	407624	38.42	ng		99
91) Benzo(g,h,i)perylene	19.59	276	421026	38.98	ng		96

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

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