Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032315\
Data File : BF077902.D
Acq On : 23 Mar 2015 18:54
Operator : TP/IZ
Sample : PB82255BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82255BS

Quant Time: Mar 24 03:42:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	38057	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	165588	20.00	ng		0.00
38) Acenaphthene-d10	10.87	164	85075	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	171067	20.00	ng		-0.01
75) Chrysene-d12	15.99	240	197731	20.00	ng		-0.02
86) Perylene-d12	17.78	264	193632	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	241962	110.98	ng		0.00
7) Phenol-d6	6.69	99	305362	113.36	ng		0.00
23) Nitrobenzene-d5	7.81	82	182497	72.25	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	80154	98.47	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	409642	70.76	ng		0.00
78) Terphenyl-d14	14.69	244	509742	62.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	29393	29.69	ng	#	100
3) Pyridine	2.67	79	88395	33.23	ng		91
4) n-Nitrosodimethylamine	2.60	42	39027	33.70	ng		92
6) Aniline	6.70	93	74476	19.33	ng	#	31
8) 2-Chlorophenol	6.85	128	93880	36.17	ng		88
9) Benzaldehyde	6.57	77	4314	3.91	ng		97
10) Phenol	6.70	94	114821	36.06	ng		90
11) bis(2-Chloroethyl)ether	6.81	93	86325	36.19	ng		93
12) 1,3-Dichlorobenzene	7.04	146	98583	34.15	ng		98
13) 1,4-Dichlorobenzene	7.14	146	100760	33.60	ng		98
14) 1,2-Dichlorobenzene	7.32	146	96198	34.99	ng		99
15) Benzyl Alcohol	7.31	79	71427	33.97	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	112841	35.11	ng		97
17) 2-Methylphenol	7.46	107	78904	37.35	ng		98
18) Hexachloroethane	7.73	117	33374	33.93	ng		91
19) n-Nitroso-di-n-propylamine	7.64	70	63898	34.29	ng	#	94
20) 3+4-Methylphenols	7.65	107	97901	35.31	ng		98
22) Acetophenone	7.63	105	131134	35.77	ng	#	92
24) Nitrobenzene	7.84	77	95000	34.91	ng	#	86
25) Isophorone	8.13	82	167269	32.79	ng		95
26) 2-Nitrophenol	8.22	139	42697	32.05	ng	#	81
27) 2,4-Dimethylphenol	8.30	122	84712	34.90	ng		99
28) bis(2-Chloroethoxy)methane	8.42	93	108132	34.92	ng		98
29) 2,4-Dichlorophenol	8.53	162	79389	34.31	ng		96
30) 1,2,4-Trichlorobenzene	8.62	180	84177	32.52	ng		97
31) Naphthalene	8.72	128	280699	33.01	ng		99
32) Benzoic acid	8.42	122	34465	26.91	ng		94
33) 4-Chloroaniline	8.80	127	68522	19.85	ng	#	92
34) Hexachlorobutadiene	8.88	225	47224	32.19	ng		99
35) Caprolactam	9.22	113	23707	35.06	ng		90
36) 4-Chloro-3-methylphenol	9.41	107	82860	35.59	ng		88
37) 2-Methylnaphthalene	9.57	142	188015	32.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	81544	32.14	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	75610	60.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	54682	31.11	ng		97
43) 2,4,5-Trichlorophenol	9.98	196	62021	32.66	ng	#	95
45) 1,1'-Biphenyl	10.16	154	218989	32.20	ng		97
46) 2-Chloronaphthalene	10.18	162	184444	33.37	ng		96
47) 2-Nitroaniline	10.32	65	50009	36.43	ng		92
48) Acenaphthylene	10.68	152	287885	31.32	ng		99
49) Dimethylphthalate	10.56	163	215339	34.13	ng		99
50) 2,6-Dinitrotoluene	10.63	165	47326	36.18	ng		90
51) Acenaphthene	10.90	154	166114	31.52	ng		99
52) 3-Nitroaniline	10.83	138	38731	25.50	ng		96
53) 2,4-Dinitrophenol	10.96	184	31164	66.38	ng		97
54) Dibenzofuran	11.12	168	264058	33.79	ng		95
55) 4-Nitrophenol	11.06	139	76764	68.22	ng		96
56) 2,4-Dinitrotoluene	11.12	165	62285	36.52	ng		94
57) Fluorene	11.54	166	214411	33.04	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	48952	33.48	ng	#	100
59) Diethylphthalate	11.43	149	205036	33.35	ng		96
60) 4-Chlorophenyl-phenylether	11.55	204	98218	33.16	ng		94
61) 4-Nitroaniline	11.57	138	50100	33.09	ng		75
62) Azobenzene	11.75	77	199874	34.02	ng		94
64) 4,6-Dinitro-2-methylphenol	11.62	198	24682	32.12	ng		79
65) n-Nitrosodiphenylamine	11.70	169	183120	32.15	ng		100
66) 4-Bromophenyl-phenylether	12.16	248	57797	31.66	ng	#	88
67) Hexachlorobenzene	12.21	284	63289	31.55	ng		96
68) Atrazine	12.37	200	57586	36.07	ng		95
69) Pentachlorophenol	12.47	266	63890	61.55	ng		96
70) Phenanthrene	12.73	178	339184	34.54	ng		100
71) Anthracene	12.79	178	335845	34.61	ng		99
72) Carbazole	13.00	167	329157	35.66	ng		99
73) Di-n-butylphthalate	13.46	149	355852	34.39	ng		99
74) Fluoranthene	14.20	202	370404	34.20	ng		99
76) Benzidine	14.39	184	164086	33.47	ng		99
77) Pyrene	14.48	202	394042	31.69	ng		100
79) Butylbenzylphthalate	15.31	149	160938	32.83	ng	#	88
80) Benzo(a)anthracene	15.97	228	381643	32.56	ng		99
81) 3,3'-Dichlorobenzidine	15.96	252	85746	22.18	ng	#	98
82) Chrysene	16.02	228	366518	34.78	ng		99
83) Bis(2-ethylhexyl)phthalate	16.04	149	227112	30.58	ng	#	94
84) Di-n-octyl phthalate	16.87	149	399213	31.44	ng		100
85) Indeno(1,2,3-cd)pyrene	19.15	276	427275	32.48	ng	#	100
87) Benzo(b)fluoranthene	17.31	252	418737	33.13	ng		99
88) Benzo(k)fluoranthene	17.35	252	343485m	34.79	ng		
89) Benzo(a)pyrene	17.71	252	371465	35.22	ng		99
90) Dibenzo(a,h)anthracene	19.19	278	355998	34.03	ng		98
91) Benzo(g,h,i)perylene	19.56	276	364426	34.22	ng		97

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

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