Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078911.D
Acq On : 4 May 2015 11:39
Operator : TP/IZ
Sample : PB83092BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83092BS

Quant Time: May 05 01:32:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 00:58:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	73006	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	308661	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	145956	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	287795	20.00	ng		0.00
75) Chrysene-d12	16.32	240	292599	20.00	ng		0.00
86) Perylene-d12	18.23	264	295385	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	514009	121.19	ng		0.01
7) Phenol-d6	6.90	99	637796	113.77	ng		0.00
23) Nitrobenzene-d5	8.04	82	366625	68.26	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	201363	127.53	ng		0.00
44) 2-Fluorobiphenyl	10.29	172	801346	76.49	ng		0.00
78) Terphenyl-d14	14.96	244	947829	77.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	60197	32.64	ng	#	29
3) Pyridine	3.11	79	169551	31.42	ng		98
4) n-Nitrosodimethylamine	3.02	42	85339m	36.91	ng		
6) Aniline	6.95	93	154027	19.46	ng		98
8) 2-Chlorophenol	7.08	128	183273	38.10	ng		98
9) Benzaldehyde	6.81	77	43152	11.43	ng		91
10) Phenol	6.92	94	225362	34.65	ng		91
11) bis(2-Chloroethyl)ether	7.04	93	171380	35.95	ng		99
12) 1,3-Dichlorobenzene	7.28	146	191678	35.45	ng		97
13) 1,4-Dichlorobenzene	7.38	146	193484	34.77	ng		98
14) 1,2-Dichlorobenzene	7.56	146	185299	35.77	ng		98
15) Benzyl Alcohol	7.53	79	149014	35.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	267655	36.70	ng		99
17) 2-Methylphenol	7.67	107	146231	37.78	ng		96
18) Hexachloroethane	7.98	117	66472	34.68	ng	#	77
19) n-Nitroso-di-n-propylamine	7.86	70	132094	34.89	ng		98
20) 3+4-Methylphenols	7.86	107	191188	37.07	ng		91
22) Acetophenone	7.86	105	260220	37.32	ng		99
24) Nitrobenzene	8.07	77	191033	35.89	ng		98
25) Isophorone	8.36	82	343448	34.49	ng		99
26) 2-Nitrophenol	8.47	139	73030	33.14	ng		98
27) 2,4-Dimethylphenol	8.51	122	164619	37.34	ng		99
28) bis(2-Chloroethoxy)methane	8.65	93	226115	36.84	ng		99
29) 2,4-Dichlorophenol	8.75	162	153664	39.19	ng		98
30) 1,2,4-Trichlorobenzene	8.87	180	152525	35.41	ng		98
31) Naphthalene	8.96	128	534352	36.33	ng		99
32) Benzoic acid	8.62	122	82529	32.27	ng		84
33) 4-Chloroaniline	9.03	127	122190	19.63	ng		99
34) Hexachlorobutadiene	9.12	225	85812	34.60	ng		99
35) Caprolactam	9.45	113	47977	37.84	ng		95
36) 4-Chloro-3-methylphenol	9.63	107	158848	38.57	ng		86
37) 2-Methylnaphthalene	9.82	142	369879	36.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	147605	35.91	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	168341	81.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	102116	36.13	ng		98
43) 2,4,5-Trichlorophenol	10.21	196	106533	37.29	ng	#	88
45) 1,1'-Biphenyl	10.40	154	443923	38.26	ng		99
46) 2-Chloronaphthalene	10.42	162	341972	37.78	ng		98
47) 2-Nitroaniline	10.55	65	98053	37.39	ng		94
48) Acenaphthylene	10.94	152	552948	37.21	ng		100
49) Dimethylphthalate	10.79	163	405476	37.85	ng		100
50) 2,6-Dinitrotoluene	10.86	165	79851	37.77	ng		96
51) Acenaphthene	11.15	154	330255	37.27	ng		97
52) 3-Nitroaniline	11.06	138	69921	26.48	ng	#	94
53) 2,4-Dinitrophenol	11.19	184	50764	65.05	ng	#	87
54) Dibenzofuran	11.37	168	503577	39.34	ng		97
55) 4-Nitrophenol	11.26	139	146827	70.25	ng	#	72
56) 2,4-Dinitrotoluene	11.35	165	107708	38.54	ng		97
57) Fluorene	11.79	166	400384	38.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	86530	37.06	ng	#	100
59) Diethylphthalate	11.67	149	417448	39.34	ng		99
60) 4-Chlorophenyl-phenylether	11.81	204	174738	37.49	ng		94
61) 4-Nitroaniline	11.82	138	97022	36.72	ng		96
62) Azobenzene	12.00	77	415961	39.78	ng		94
64) 4,6-Dinitro-2-methylphenol	11.85	198	37091	34.85	ng		97
65) n-Nitrosodiphenylamine	11.94	169	339272	35.40	ng		98
66) 4-Bromophenyl-phenylether	12.41	248	110635	36.88	ng		93
67) Hexachlorobenzene	12.47	284	125974	36.74	ng	#	91
68) Atrazine	12.62	200	103613	37.18	ng		97
69) Pentachlorophenol	12.72	266	130152	66.17	ng		98
70) Phenanthrene	12.98	178	573020	35.59	ng		99
71) Anthracene	13.05	178	587491	37.19	ng		100
72) Carbazole	13.26	167	577922	38.39	ng		98
73) Di-n-butylphthalate	13.70	149	660994	36.61	ng		99
74) Fluoranthene	14.47	202	621863	37.07	ng		95
76) Benzidine	14.64	184	191552	24.29	ng		99
77) Pyrene	14.75	202	654152	38.80	ng		100
79) Butylbenzylphthalate	15.60	149	282308	38.30	ng	#	80
80) Benzo(a)anthracene	16.30	228	617325	38.53	ng		99
81) 3,3'-Dichlorobenzidine	16.27	252	162180	28.42	ng	#	98
82) Chrysene	16.35	228	568598	36.90	ng		98
83) Bis(2-ethylhexyl)phthalate	16.37	149	427035	38.25	ng		98
84) Di-n-octyl phthalate	17.23	149	708281	36.02	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.76	276	706907	36.00	ng	#	100
87) Benzo(b)fluoranthene	17.73	252	626998	38.78	ng		99
88) Benzo(k)fluoranthene	17.76	252	566989	36.22	ng		99
89) Benzo(a)pyrene	18.16	252	580635	39.00	ng		100
90) Dibenzo(a,h)anthracene	19.79	278	576516	36.44	ng		98
91) Benzo(g,h,i)perylene	20.22	276	587999	37.08	ng		98

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

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