Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077778.D
Acq On : 17 Mar 2015 18:19
Operator : TP/IZ
Sample : PB82148BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82148BSD

Quant Time: Mar 18 01:51:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37082	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	147381	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	73340	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	142077	20.00	ng		0.00
75) Chrysene-d12	16.03	240	152549	20.00	ng		0.00
86) Perylene-d12	17.79	264	153229	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	198817	93.59	ng		0.00
7) Phenol-d6	6.73	99	251831	95.95	ng		0.00
23) Nitrobenzene-d5	7.86	82	182074	80.98	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	64082	91.32	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	417710	83.70	ng		0.00
78) Terphenyl-d14	14.74	244	497191	79.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	35099	36.39	ng	#	100
3) Pyridine	2.75	79	95429	36.82	ng		99
4) n-Nitrosodimethylamine	2.67	42	50515	44.77	ng		84
6) Aniline	6.75	93	85990	22.90	ng	#	63
8) 2-Chlorophenol	6.89	128	121946	48.22	ng		99
9) Benzaldehyde	6.60	77	7414	6.89	ng		96
10) Phenol	6.74	94	144692	46.63	ng		91
11) bis(2-Chloroethyl)ether	6.85	93	111503	47.98	ng		99
12) 1,3-Dichlorobenzene	7.08	146	124711	44.34	ng		99
13) 1,4-Dichlorobenzene	7.18	146	124543	42.62	ng		99
14) 1,2-Dichlorobenzene	7.37	146	118814	44.35	ng		99
15) Benzyl Alcohol	7.34	79	95476	46.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	143864	45.94	ng		99
17) 2-Methylphenol	7.49	107	95613	46.45	ng		97
18) Hexachloroethane	7.78	117	41820	43.63	ng		98
19) n-Nitroso-di-n-propylamine	7.68	70	77942	42.93	ng		95
20) 3+4-Methylphenols	7.69	107	123804	45.83	ng		96
22) Acetophenone	7.66	105	159167	48.78	ng	#	98
24) Nitrobenzene	7.88	77	113275	46.77	ng	#	76
25) Isophorone	8.18	82	212093	46.71	ng		99
26) 2-Nitrophenol	8.27	139	58633	49.44	ng		93
27) 2,4-Dimethylphenol	8.34	122	111200	51.47	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	136141	49.40	ng		98
29) 2,4-Dichlorophenol	8.57	162	102672	49.86	ng		98
30) 1,2,4-Trichlorobenzene	8.67	180	104167	45.21	ng		98
31) Naphthalene	8.76	128	354601	46.85	ng		100
32) Benzoic acid	8.45	122	55553	46.22	ng		94
33) 4-Chloroaniline	8.84	127	81319	26.47	ng		96
34) Hexachlorobutadiene	8.92	225	58374	44.70	ng		96
35) Caprolactam	9.26	113	31085	51.65	ng		96
36) 4-Chloro-3-methylphenol	9.45	107	104438	50.41	ng		85
37) 2-Methylnaphthalene	9.62	142	237866	46.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	103415	47.28	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	104606	94.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	71853	47.42	ng		96
43) 2,4,5-Trichlorophenol	10.02	196	78395	47.89	ng	#	88
45) 1,1'-Biphenyl	10.20	154	282666	48.21	ng		98
46) 2-Chloronaphthalene	10.22	162	227659	47.78	ng		97
47) 2-Nitroaniline	10.35	65	59640	50.40	ng	#	80
48) Acenaphthylene	10.73	152	357857	45.17	ng		99
49) Dimethylphthalate	10.59	163	258013	47.43	ng		100
50) 2,6-Dinitrotoluene	10.67	165	57360	50.87	ng	#	71
51) Acenaphthene	10.95	154	207727	45.73	ng		98
52) 3-Nitroaniline	10.87	138	44475	33.96	ng		84
53) 2,4-Dinitrophenol	11.00	184	48398	113.13	ng	#	78
54) Dibenzofuran	11.16	168	324219	48.12	ng		97
55) 4-Nitrophenol	11.09	139	102985	106.17	ng		94
56) 2,4-Dinitrotoluene	11.16	165	80044	54.44	ng	#	77
57) Fluorene	11.59	166	257801	46.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	60756	48.20	ng	#	100
59) Diethylphthalate	11.47	149	251585	47.47	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	120183	47.07	ng		94
61) 4-Nitroaniline	11.62	138	63635	48.76	ng		83
62) Azobenzene	11.79	77	242672	47.91	ng		95
64) 4,6-Dinitro-2-methylphenol	11.67	198	32274	48.10	ng	#	68
65) n-Nitrosodiphenylamine	11.75	169	226446	47.87	ng		100
66) 4-Bromophenyl-phenylether	12.20	248	73333	48.37	ng	#	89
67) Hexachlorobenzene	12.26	284	77348	46.43	ng	#	90
68) Atrazine	12.42	200	66293	50.00	ng		95
69) Pentachlorophenol	12.51	266	87092	99.05	ng		98
70) Phenanthrene	12.77	178	393633	48.26	ng		99
71) Anthracene	12.84	178	400023	49.64	ng		100
72) Carbazole	13.05	167	399375	52.10	ng		99
73) Di-n-butylphthalate	13.51	149	412368	47.98	ng		99
74) Fluoranthene	14.25	202	431798	48.00	ng		97
76) Benzidine	14.43	184	173686	46.10	ng		98
77) Pyrene	14.52	202	456604	47.60	ng		99
79) Butylbenzylphthalate	15.37	149	185259	48.98	ng		96
80) Benzo(a)anthracene	16.02	228	436421	48.26	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	112918	37.85	ng	#	98
82) Chrysene	16.07	228	417867	51.39	ng		100
83) Bis(2-ethylhexyl)phthalate	16.09	149	263925	46.07	ng	#	95
84) Di-n-octyl phthalate	16.90	149	437421	44.65	ng		99
85) Indeno(1,2,3-cd)pyrene	19.20	276	487454m	48.03	ng		
87) Benzo(b)fluoranthene	17.35	252	419661	41.95	ng	#	97
88) Benzo(k)fluoranthene	17.38	252	430103	55.05	ng		98
89) Benzo(a)pyrene	17.73	252	418150	50.10	ng	#	98
90) Dibenzo(a,h)anthracene	19.23	278	387122	46.76	ng		98
91) Benzo(g,h,i)perylene	19.61	276	405112	48.07	ng		99

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

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