Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078802.D
Acq On : 29 Apr 2015 4:33
Operator : TP/IZ
Sample : PB83016BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83016BS

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apatel
4/29/2015 3:53:42 PM

Quant Time: Apr 29 13:08:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 11:41:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	96283	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	395818	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	181984	20.00	ng		0.00
63) Phenanthrene-d10	12.99	188	349353	20.00	ng		0.00
75) Chrysene-d12	16.30	240	343863	20.00	ng		-0.01
86) Perylene-d12	18.05	264	321498	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	704618	134.41	ng		0.01
7) Phenol-d6	6.94	99	910821	130.09	ng		0.00
23) Nitrobenzene-d5	8.08	82	462612	84.15	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	248983	137.31	ng		0.00
44) 2-Fluorobiphenyl	10.32	172	1102012	82.93	ng		0.00
78) Terphenyl-d14	14.99	244	1230069	85.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	84636	35.19	ng	#	18
3) Pyridine	3.18	79	254329	35.81	ng		99
4) n-Nitrosodimethylamine	3.08	42	125098m	39.20	ng		
6) Aniline	6.98	93	215610	21.08	ng		100
8) 2-Chlorophenol	7.12	128	262644	43.59	ng		99
9) Benzaldehyde	6.84	77	17306	3.43	ng		96
10) Phenol	6.95	94	326082	39.40	ng		94
11) bis(2-Chloroethyl)ether	7.07	93	251922	41.16	ng		100
12) 1,3-Dichlorobenzene	7.31	146	272670	38.97	ng		100
13) 1,4-Dichlorobenzene	7.42	146	286712	40.03	ng		98
14) 1,2-Dichlorobenzene	7.60	146	269527	40.27	ng		100
15) Benzyl Alcohol	7.56	79	220755	42.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.75	45	411899	43.05	ng		99
17) 2-Methylphenol	7.70	107	215256	44.13	ng		98
18) Hexachloroethane	8.02	117	95578	40.40	ng		97
19) n-Nitroso-di-n-propylamine	7.91	70	192499	39.40	ng	#	83
20) 3+4-Methylphenols	7.90	107	279762	44.03	ng		97
22) Acetophenone	7.90	105	387810	44.22	ng		98
24) Nitrobenzene	8.10	77	256984	43.65	ng		99
25) Isophorone	8.40	82	507561	40.84	ng		99
26) 2-Nitrophenol	8.50	139	76663	45.53	ng		99
27) 2,4-Dimethylphenol	8.55	122	238481	43.26	ng		98
28) bis(2-Chloroethoxy)methane	8.68	93	326676	42.57	ng		99
29) 2,4-Dichlorophenol	8.79	162	217092	46.07	ng		98
30) 1,2,4-Trichlorobenzene	8.90	180	226267	41.81	ng		98
31) Naphthalene	8.99	128	758860	40.39	ng		100
32) Benzoic acid	8.65	122	86554	51.73	ng		91
33) 4-Chloroaniline	9.06	127	160988	20.36	ng		100
34) Hexachlorobutadiene	9.15	225	124288	40.70	ng		99
35) Caprolactam	9.48	113	64238	42.81	ng	#	85
36) 4-Chloro-3-methylphenol	9.66	107	221399	44.74	ng		94
37) 2-Methylnaphthalene	9.85	142	529754	41.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	208950	40.52	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	220378	101.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	138045	43.94	ng		95
43) 2,4,5-Trichlorophenol	10.24	196	148808m	44.50	ng		
45) 1,1'-Biphenyl	10.43	154	624900	42.79	ng		99
46) 2-Chloronaphthalene	10.46	162	473000	41.44	ng		99
47) 2-Nitroaniline	10.58	65	121437	48.71	ng		95
48) Acenaphthylene	10.97	152	777633	41.64	ng		100
49) Dimethylphthalate	10.82	163	576880	44.59	ng		99
50) 2,6-Dinitrotoluene	10.89	165	102404	48.59	ng		95
51) Acenaphthene	11.19	154	493932	45.03	ng		99
52) 3-Nitroaniline	11.10	138	80056	29.28	ng		98
53) 2,4-Dinitrophenol	11.22	184	36999	110.87	ng	#	71
54) Dibenzofuran	11.41	168	717463	44.59	ng		99
55) 4-Nitrophenol	11.29	139	181809	82.62	ng	#	74
56) 2,4-Dinitrotoluene	11.39	165	133141	51.36	ng	#	67
57) Fluorene	11.83	166	562428	43.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	118779	47.43	ng	#	100
59) Diethylphthalate	11.70	149	582606	45.25	ng		98
60) 4-Chlorophenyl-phenylether	11.84	204	257638	45.02	ng		99
61) 4-Nitroaniline	11.85	138	121349	43.66	ng		95
62) Azobenzene	12.03	77	636827	48.51	ng		97
64) 4,6-Dinitro-2-methylphenol	11.89	198	32375	53.92	ng		86
65) n-Nitrosodiphenylamine	11.99	169	490952	43.47	ng		100
66) 4-Bromophenyl-phenylether	12.45	248	159739	45.30	ng		98
67) Hexachlorobenzene	12.50	284	172233	43.12	ng		97
68) Atrazine	12.65	200	143308	47.37	ng		97
69) Pentachlorophenol	12.75	266	180547	84.69	ng		97
70) Phenanthrene	13.03	178	843387	44.59	ng		100
71) Anthracene	13.09	178	801234	43.32	ng		100
72) Carbazole	13.29	167	804417	46.06	ng		99
73) Di-n-butylphthalate	13.74	149	923409	45.65	ng		99
74) Fluoranthene	14.50	202	860517	45.62	ng		100
76) Benzidine	14.69	184	317714	28.54	ng		99
77) Pyrene	14.79	202	909184	45.25	ng		99
79) Butylbenzylphthalate	15.61	149	368625	47.85	ng		98
80) Benzo(a)anthracene	16.29	228	827045	44.83	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	163129	25.98	ng	#	96
82) Chrysene	16.33	228	776206	43.16	ng		99
83) Bis(2-ethylhexyl)phthalate	16.33	149	572496	46.29	ng	#	97
84) Di-n-octyl phthalate	17.13	149	913082	45.86	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.57	276	874715	42.88	ng	#	100
87) Benzo(b)fluoranthene	17.59	252	782970	44.99	ng	#	96
88) Benzo(k)fluoranthene	17.62	252	772942	45.83	ng	#	95
89) Benzo(a)pyrene	17.98	252	747692	48.02	ng		98
90) Dibenzo(a,h)anthracene	19.60	278	693110	42.98	ng		97
91) Benzo(g,h,i)perylene	20.02	276	717118	44.30	ng		98

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

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