Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076912.D
Acq On : 16 Jan 2015 17:05
Operator : IZ / TP
Sample : PB81350BS
Misc : W
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81350BS

Quant Time: Jan 19 09:51:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 16 21:57:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	39870	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	177841	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	104220	20.00	ng		0.00
63) Phenanthrene-d10	17.77	188	174537	20.00	ng		0.00
75) Chrysene-d12	21.27	240	163447	20.00	ng		0.00
86) Perylene-d12	22.95	264	138209	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	244641	100.88	ng		0.00
7) Phenol-d6	7.37	99	300368	98.19	ng		0.00
23) Nitrobenzene-d5	9.27	82	184250	57.40	ng		-0.01
41) 2,4,6-Tribromophenol	16.69	330	78354	92.62	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	392433	57.30	ng		0.00
78) Terphenyl-d14	20.00	244	405821	57.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.30	88	24909	23.99	ng		98
3) Pyridine	1.80	79	67328	25.06	ng		88
4) n-Nitrosodimethylamine	1.75	42	32298	24.27	ng	#	97
6) Aniline	7.26	93	75929	17.94	ng		100
8) 2-Chlorophenol	7.50	128	83792	29.97	ng		95
9) Benzaldehyde	6.98	77	25903	12.88	ng		90
10) Phenol	7.40	94	97211	29.93	ng		94
11) bis(2-Chloroethyl)ether	7.51	93	75301	29.63	ng		89
12) 1,3-Dichlorobenzene	7.82	146	88741	27.90	ng		94
13) 1,4-Dichlorobenzene	8.01	146	88725	26.31	ng		100
14) 1,2-Dichlorobenzene	8.32	146	89270	28.73	ng		98
15) Benzyl Alcohol	8.40	79	72930	29.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	100539	29.43	ng		87
17) 2-Methylphenol	8.74	107	64816	28.37	ng		97
18) Hexachloroethane	9.08	117	33397	28.47	ng		92
19) n-Nitroso-di-n-propylamine	9.03	70	60184	28.11	ng		93
20) 3+4-Methylphenols	9.12	107	85619	28.30	ng		96
22) Acetophenone	8.96	105	122321	28.08	ng		98
24) Nitrobenzene	9.32	77	91342	27.93	ng		97
25) Isophorone	9.91	82	160588	27.47	ng	#	94
26) 2-Nitrophenol	10.05	139	41786	25.80	ng	#	83
27) 2,4-Dimethylphenol	10.32	122	75110	29.70	ng		98
28) bis(2-Chloroethoxy)methane	10.54	93	98856	29.75	ng		98
29) 2,4-Dichlorophenol	10.65	162	73882	31.35	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	72727	27.78	ng		96
31) Naphthalene	10.93	128	244620	26.72	ng		100
32) Benzoic acid	10.68	122	41324m	29.50	ng		
33) 4-Chloroaniline	11.17	127	50884	13.75	ng		98
34) Hexachlorobutadiene	11.29	225	42209	27.17	ng		95
35) Caprolactam	12.00	113	20545m	29.61	ng		
36) 4-Chloro-3-methylphenol	12.46	107	79663	29.52	ng		95
37) 2-Methylnaphthalene	12.58	142	176951	28.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	70077	27.20	ng		98
40) Hexachlorocyclopentadiene	12.97	237	75502	55.89	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	49643	26.44 ng		100
43) 2,4,5-Trichlorophenol	13.42	196	49998	26.11 ng		98
45) 1,1'-Biphenyl	13.74	154	216663	28.04 ng		97
46) 2-Chloronaphthalene	13.72	162	173269	27.25 ng		96
47) 2-Nitroaniline	14.05	65	53216	27.59 ng		93
48) Acenaphthylene	14.67	152	280135	26.12 ng		99
49) Dimethylphthalate	14.61	163	206754	27.97 ng		98
50) 2,6-Dinitrotoluene	14.70	165	42230	28.60 ng		92
51) Acenaphthene	15.09	154	154879	25.45 ng		99
52) 3-Nitroaniline	15.04	138	33278	18.42 ng		82
53) 2,4-Dinitrophenol	15.33	184	35959	56.02 ng		99
54) Dibenzofuran	15.51	168	244480	27.58 ng		98
55) 4-Nitrophenol	15.63	139	66175	57.12 ng		98
56) 2,4-Dinitrotoluene	15.63	165	59214	27.68 ng	#	73
57) Fluorene	16.23	166	195884	26.08 ng		95
58) 2,3,4,6-Tetrachlorophenol	15.84	232	38333	27.49 ng		94
59) Diethylphthalate	16.22	149	214509	28.72 ng		98
60) 4-Chlorophenyl-phenylether	16.31	204	86132	28.03 ng		95
61) 4-Nitroaniline	16.36	138	42296	23.47 ng		92
62) Azobenzene	16.60	77	216596	27.83 ng		98
64) 4,6-Dinitro-2-methylphenol	16.44	198	28286	26.79 ng		96
65) n-Nitrosodiphenylamine	16.55	169	168035	27.00 ng		98
66) 4-Bromophenyl-phenylether	17.16	248	49375	27.92 ng	#	85
67) Hexachlorobenzene	17.17	284	51677	27.73 ng	#	85
68) Atrazine	17.52	200	59722	31.62 ng		93
69) Pentachlorophenol	17.53	266	48898	59.18 ng		96
70) Phenanthrene	17.81	178	286703	26.34 ng		100
71) Anthracene	17.89	178	288803	27.21 ng		99
72) Carbazole	18.17	167	284028	27.59 ng		97
73) Di-n-butylphthalate	18.76	149	344926	28.95 ng		98
74) Fluoranthene	19.45	202	300602	26.95 ng		98
76) Benzidine	19.68	184	144779	27.68 ng		99
77) Pyrene	19.74	202	302233	26.98 ng		98
79) Butylbenzylphthalate	20.67	149	148527	29.28 ng		98
80) Benzo(a)anthracene	21.26	228	262659	25.61 ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	52881	16.23 ng	#	97
82) Chrysene	21.31	228	251722	26.92 ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	201035	28.64 ng	#	97
84) Di-n-octyl phthalate	22.17	149	339659	27.88 ng		98
85) Indeno(1,2,3-cd)pyrene	24.11	276	248334	25.06 ng	#	84
87) Benzo(b)fluoranthene	22.53	252	289067	31.05 ng		98
88) Benzo(k)fluoranthene	22.56	252	184040m	22.63 ng		
89) Benzo(a)pyrene	22.89	252	228743	27.86 ng		99
90) Dibenzo(a,h)anthracene	24.13	278	201194	26.71 ng	#	94
91) Benzo(g,h,i)perylene	24.40	276	206502	27.57 ng		96

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

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