Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081821.D
Acq On : 26 Sep 2015 11:40
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 28 05:27:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	109904	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	434030	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	195579	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	370469	20.00	ng		0.00
75) Chrysene-d12	14.12	240	313307	20.00	ng		0.00
86) Perylene-d12	15.58	264	230287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	528521	81.35	ng		-0.01
7) Phenol-d6	6.56	99	641516	78.07	ng		-0.01
23) Nitrobenzene-d5	7.51	82	558820	84.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	166912	98.30	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	976025	81.92	ng		-0.01
78) Terphenyl-d14	13.05	244	951479	69.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	125276	38.96	ng		86
3) Pyridine	3.33	79	348059	38.37	ng		89
4) n-Nitrosodimethylamine	3.28	42	152041	35.52	ng		99
6) Aniline	6.61	93	442028	35.93	ng		97
8) 2-Chlorophenol	6.72	128	285186	39.84	ng		95
9) Benzaldehyde	6.49	77	223745	46.06	ng	#	87
10) Phenol	6.57	94	398519	41.75	ng		73
11) bis(2-Chloroethyl)ether	6.67	93	274923	39.28	ng		97
12) 1,3-Dichlorobenzene	6.88	146	340950	40.25	ng	#	95
13) 1,4-Dichlorobenzene	6.96	146	351045	40.96	ng		97
14) 1,2-Dichlorobenzene	7.11	146	302258m	37.91	ng		
15) Benzyl Alcohol	7.07	79	215609	33.27	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.22	45	418355	34.94	ng		85
17) 2-Methylphenol	7.19	107	229517	37.96	ng	#	88
18) Hexachloroethane	7.45	117	109403	39.20	ng	#	86
19) n-Nitroso-di-n-propylamine	7.35	70	183884	33.57	ng	#	81
20) 3+4-Methylphenols	7.34	107	271272	35.71	ng	#	83
22) Acetophenone	7.35	105	330882	34.76	ng	#	80
24) Nitrobenzene	7.52	77	266681	36.34	ng	#	65
25) Isophorone	7.76	82	501965	34.45	ng	#	87
26) 2-Nitrophenol	7.84	139	142100	53.31	ng	#	62
27) 2,4-Dimethylphenol	7.87	122	258434	39.10	ng	#	82
28) bis(2-Chloroethoxy)methane	7.98	93	338600	39.77	ng	#	94
29) 2,4-Dichlorophenol	8.08	162	251071	40.80	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	264977	38.37	ng		98
31) Naphthalene	8.25	128	812568	40.58	ng		97
32) Benzoic acid	7.94	122	39694	30.85	ng	#	67
33) 4-Chloroaniline	8.30	127	353313	40.21	ng	#	92
34) Hexachlorobutadiene	8.37	225	163622	40.17	ng		98
35) Caprolactam	8.66	113	63770	38.79	ng	#	78
36) 4-Chloro-3-methylphenol	8.77	107	218776	35.48	ng	#	77
37) 2-Methylnaphthalene	8.94	142	504389	35.35	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	263169	42.16	ng	#	98
40) Hexachlorocyclopentadiene	9.09	237	113546	42.44	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	181472	44.12	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	175453	43.36	ng	#	90
45) 1,1'-Biphenyl	9.41	154	672917	44.00	ng		95
46) 2-Chloronaphthalene	9.43	162	489241	39.77	ng		93
47) 2-Nitroaniline	9.52	65	133574	40.83	ng	#	70
48) Acenaphthylene	9.84	152	800086	38.43	ng		96
49) Dimethylphthalate	9.70	163	558753	37.54	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	129168	44.97	ng	#	92
51) Acenaphthene	10.02	154	470282	39.20	ng		91
52) 3-Nitroaniline	9.93	138	134612	43.21	ng	#	58
53) 2,4-Dinitrophenol	10.03	184	26245	62.31	ng	#	55
54) Dibenzofuran	10.18	168	652795	37.09	ng	#	86
55) 4-Nitrophenol	10.08	139	103728	48.28	ng	#	47
56) 2,4-Dinitrotoluene	10.17	165	168679	49.05	ng	#	85
57) Fluorene	10.54	166	512078	37.92	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	142017	45.98	ng		96
59) Diethylphthalate	10.40	149	525948	36.49	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	257671	41.56	ng		95
61) 4-Nitroaniline	10.55	138	146273	48.33	ng	#	52
62) Azobenzene	10.69	77	560748	38.05	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	57409	59.54	ng		88
65) n-Nitrosodiphenylamine	10.64	169	454237	36.36	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	168266	40.79	ng	#	90
67) Hexachlorobenzene	11.07	284	175020	40.67	ng	#	92
68) Atrazine	11.17	200	138006	36.94	ng		84
69) Pentachlorophenol	11.27	266	104338	46.40	ng		99
70) Phenanthrene	11.50	178	846174	39.95	ng		96
71) Anthracene	11.54	178	757592	37.12	ng		96
72) Carbazole	11.70	167	785574	41.46	ng		96
73) Di-n-butylphthalate	12.03	149	824685	35.76	ng	#	99
74) Fluoranthene	12.69	202	869874	40.76	ng		88
76) Benzidine	12.81	184	437276	41.13	ng		97
77) Pyrene	12.92	202	882826	37.37	ng		96
79) Butylbenzylphthalate	13.53	149	326135	34.64	ng		96
80) Benzo(a)anthracene	14.10	228	714521	37.61	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	251854	41.74	ng	#	93
82) Chrysene	14.14	228	678604	37.24	ng		94
83) Bis(2-ethylhexyl)phthalate	14.09	149	354285	31.04	ng		95
84) Di-n-octyl phthalate	14.70	149	487032	29.01	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.04	276	627636	37.63	ng	#	87
87) Benzo(b)fluoranthene	15.16	252	601954	44.08	ng	#	84
88) Benzo(k)fluoranthene	15.18	252	477222m	36.28	ng		
89) Benzo(a)pyrene	15.52	252	496014	40.23	ng	#	84
90) Dibenzo(a,h)anthracene	17.06	278	506168	39.39	ng	#	81
91) Benzo(g,h,i)perylene	17.49	276	541279	40.86	ng	#	78

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

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