Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095330.D
Acq On : 23 May 2017 1:54
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 23 05:01:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	84433	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	349460	20.00	ng		-0.01
38) Acenaphthene-d10	12.61	164	146492	20.00	ng		-0.01
63) Phenanthrene-d10	15.01	188	215137	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	193095	20.00	ng		-0.01
86) Perylene-d12	20.36	264	161416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	405485	80.07	ng		-0.01
7) Phenol-d6	7.30	99	484738	79.77	ng		-0.02
23) Nitrobenzene-d5	8.66	82	448946	81.01	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	84209	70.19	ng		-0.01
44) 2-Fluorobiphenyl	11.55	172	833339	81.88	ng		-0.01
78) Terphenyl-d14	17.33	244	601117	68.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	85077	34.25	ng		94
3) Pyridine	2.89	79	191210	33.22	ng		96
4) n-Nitrosodimethylamine	2.81	42	68072	28.37	ng	#	78
6) Aniline	7.26	93	327795	42.73	ng		95
8) 2-Chlorophenol	7.45	128	241600	41.91	ng		95
9) Benzaldehyde	7.08	77	138865	37.43	ng		97
10) Phenol	7.32	94	272249	42.52	ng		92
11) bis(2-Chloroethyl)ether	7.39	93	209396	39.61	ng		94
12) 1,3-Dichlorobenzene	7.66	146	256237	39.19	ng		98
13) 1,4-Dichlorobenzene	7.78	146	265180	39.99	ng		97
14) 1,2-Dichlorobenzene	8.01	146	255840	41.33	ng		96
15) Benzyl Alcohol	8.05	79	164077	41.98	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	295420	39.49	ng		96
17) 2-Methylphenol	8.25	107	197354	41.84	ng		96
18) Hexachloroethane	8.53	117	78110	34.77	ng	#	88
19) n-Nitroso-di-n-propylamine	8.46	70	163955	39.90	ng		94
20) 3+4-Methylphenols	8.52	107	253809	39.60	ng	#	57
22) Acetophenone	8.43	105	326923	38.99	ng	#	84
24) Nitrobenzene	8.69	77	229396	39.49	ng		92
25) Isophorone	9.09	82	393022	39.72	ng		95
26) 2-Nitrophenol	9.20	139	121474	38.76	ng		96
27) 2,4-Dimethylphenol	9.33	122	205311	40.51	ng		99
28) bis(2-Chloroethoxy)methane	9.45	93	270246	39.48	ng		100
29) 2,4-Dichlorophenol	9.62	162	176788	36.95	ng		97
30) 1,2,4-Trichlorobenzene	9.70	180	204648	39.92	ng		100
31) Naphthalene	9.81	128	703562	40.06	ng		99
32) Benzoic acid	9.64	122	89274	29.07	ng		95
33) 4-Chloroaniline	9.95	127	271375	41.46	ng	#	92
34) Hexachlorobutadiene	10.02	225	105365	38.95	ng		98
35) Caprolactam	10.57	113	57183	39.80	ng	#	84
36) 4-Chloro-3-methylphenol	10.81	107	200274	39.15	ng		89
37) 2-Methylnaphthalene	10.93	142	450337	39.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	176914	39.27	ng		98
40) Hexachlorocyclopentadiene	11.18	237	9692	10.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	121557	40.41	ng		96
43) 2,4,5-Trichlorophenol	11.54	196	117372	36.31	ng		94
45) 1,1'-Biphenyl	11.70	154	512514	41.55	ng		97
46) 2-Chloronaphthalene	11.72	162	402715	40.44	ng		97
47) 2-Nitroaniline	11.94	65	107996	39.62	ng	#	77
48) Acenaphthylene	12.38	152	594768	38.13	ng		99
49) Dimethylphthalate	12.25	163	484398	40.28	ng		99
50) 2,6-Dinitrotoluene	12.34	165	97098	39.58	ng		93
51) Acenaphthene	12.66	154	369704	39.68	ng		99
52) 3-Nitroaniline	12.62	138	106867	40.58	ng		83
53) 2,4-Dinitrophenol	12.89	184	5547	10.03	ng	#	73
54) Dibenzofuran	12.95	168	510347	39.58	ng		96
55) 4-Nitrophenol	13.07	139	36358	22.99	ng	#	78
56) 2,4-Dinitrotoluene	13.02	165	116742	37.03	ng	#	89
57) Fluorene	13.50	166	409960	36.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.20	232	69199	34.01	ng	#	99
59) Diethylphthalate	13.39	149	450342	39.07	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	189800	38.52	ng		89
61) 4-Nitroaniline	13.62	138	76845	31.79	ng		96
62) Azobenzene	13.78	77	342734	37.00	ng		91
64) 4,6-Dinitro-2-methylphenol	13.70	198	19327	13.40	ng	#	73
65) n-Nitrosodiphenylamine	13.73	169	348962	44.69	ng		99
66) 4-Bromophenyl-phenylether	14.31	248	97495	42.89	ng		97
67) Hexachlorobenzene	14.40	284	95801	41.13	ng	#	92
68) Atrazine	14.65	200	88208	40.01	ng		97
69) Pentachlorophenol	14.76	266	50935	50.68	ng		95
70) Phenanthrene	15.05	178	501082	40.54	ng		97
71) Anthracene	15.13	178	511147	40.48	ng		97
72) Carbazole	15.42	167	427692	37.23	ng		98
73) Di-n-butylphthalate	15.97	149	607083	42.37	ng		99
74) Fluoranthene	16.79	202	477644	37.67	ng		98
76) Benzidine	17.02	184	231538	44.84	ng	#	94
77) Pyrene	17.09	202	517496	35.83	ng		99
79) Butylbenzylphthalate	17.99	149	229788	34.21	ng		92
80) Benzo(a)anthracene	18.67	228	443024	39.42	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	160487	41.35	ng	#	96
82) Chrysene	18.72	228	442585	40.73	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	317768	33.20	ng		100
84) Di-n-octyl phthalate	19.50	149	596777	38.03	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	298743	33.85	ng		99
87) Benzo(b)fluoranthene	19.95	252	376647	37.76	ng		98
88) Benzo(k)fluoranthene	19.98	252	451269	46.90	ng	#	95
89) Benzo(a)pyrene	20.30	252	362666	39.40	ng		99
90) Dibenzo(a,h)anthracene	21.69	278	260626	34.29	ng		99
91) Benzo(g,h,i)perylene	22.08	276	253541	33.99	ng		96

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

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