Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
Data File : BF093400.D
Acq On : 6 Mar 2017 15:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 06 15:56:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	188846m	20.00	ng		-0.08
21) Naphthalene-d8	8.06	136	761564	20.00	ng		-0.08
38) Acenaphthene-d10	9.81	164	387908	20.00	ng		-0.08
63) Phenanthrene-d10	11.29	188	672198	20.00	ng		-0.09
75) Chrysene-d12	13.94	240	519245	20.00	ng		-0.08
86) Perylene-d12	15.35	264	412387	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	934781	84.92	ng		-0.09
7) Phenol-d6	6.43	99	1184200	83.61	ng		-0.06
23) Nitrobenzene-d5	7.34	82	1071835	78.38	ng		-0.08
41) 2,4,6-Tribromophenol	10.60	330	214151	76.33	ng		-0.08
44) 2-Fluorobiphenyl	9.14	172	1769993	82.67	ng		-0.08
78) Terphenyl-d14	12.88	244	1582873	71.63	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	204900	34.45	ng	#	86
3) Pyridine	2.97	79	689449	45.59	ng		89
4) n-Nitrosodimethylamine	2.93	42	311096	43.81	ng		85
6) Aniline	6.44	93	767467	39.73	ng		87
8) 2-Chlorophenol	6.56	128	496995	40.93	ng		88
9) Benzaldehyde	6.32	77	348477	34.34	ng		85
10) Phenol	6.44	94	710793	42.90	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	527307	39.87	ng		91
12) 1,3-Dichlorobenzene	6.70	146	553558m	38.92	ng		
13) 1,4-Dichlorobenzene	6.78	146	576896m	40.07	ng		
14) 1,2-Dichlorobenzene	6.94	146	538715	39.14	ng		97
15) Benzyl Alcohol	6.93	79	401063	38.25	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	945540	41.15	ng		92
17) 2-Methylphenol	7.05	107	421088	40.42	ng		95
18) Hexachloroethane	7.28	117	196028	39.89	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	355581	39.44	ng		95
20) 3+4-Methylphenols	7.21	107	563372	45.23	ng	#	76
22) Acetophenone	7.20	105	734752	42.26	ng	#	97
24) Nitrobenzene	7.37	77	637463	45.39	ng		96
25) Isophorone	7.61	82	1087580	42.68	ng		97
26) 2-Nitrophenol	7.69	139	287234	43.03	ng	#	81
27) 2,4-Dimethylphenol	7.73	122	464069	39.59	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	644349	38.18	ng		98
29) 2,4-Dichlorophenol	7.93	162	450711	41.22	ng		88
30) 1,2,4-Trichlorobenzene	8.01	180	463475	39.34	ng		98
31) Naphthalene	8.08	128	1422669	36.85	ng		99
32) Benzoic acid	7.88	122	282194	43.31	ng		96
33) 4-Chloroaniline	8.14	127	632494	41.78	ng		96
34) Hexachlorobutadiene	8.19	225	233515	36.02	ng		98
35) Caprolactam	8.52	113	141094	41.03	ng	#	33
36) 4-Chloro-3-methylphenol	8.64	107	485830	42.62	ng		98
37) 2-Methylnaphthalene	8.77	142	992833	40.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	432616	39.73	ng		99
40) Hexachlorocyclopentadiene	8.92	237	181666	36.98	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	287684	40.21	ng		93
43) 2,4,5-Trichlorophenol	9.10	196	315982	40.31	ng		92
45) 1,1'-Biphenyl	9.23	154	1122977	39.98	ng		96
46) 2-Chloronaphthalene	9.26	162	950461	43.26	ng		96
47) 2-Nitroaniline	9.37	65	331731	44.90	ng		99
48) Acenaphthylene	9.68	152	1512333	39.84	ng		99
49) Dimethylphthalate	9.54	163	1029053	39.39	ng		99
50) 2,6-Dinitrotoluene	9.61	165	216019	38.28	ng	#	62
51) Acenaphthene	9.85	154	900159	39.66	ng		97
52) 3-Nitroaniline	9.78	138	258853	40.09	ng		97
53) 2,4-Dinitrophenol	9.90	184	98234	36.93	ng	#	86
54) Dibenzofuran	10.02	168	1164931	38.38	ng		92
55) 4-Nitrophenol	9.96	139	179471	38.59	ng		91
56) 2,4-Dinitrotoluene	10.02	165	277433	36.93	ng	#	90
57) Fluorene	10.36	166	1004561	43.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	225465	43.11	ng		93
59) Diethylphthalate	10.24	149	1033512	41.97	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	455362	40.59	ng	#	86
61) 4-Nitroaniline	10.40	138	275737	41.69	ng		93
62) Azobenzene	10.51	77	1188903	46.74	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	175546	43.19	ng	#	33
65) n-Nitrosodiphenylamine	10.48	169	898433	41.84	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	286418	40.78	ng	#	80
67) Hexachlorobenzene	10.91	284	277715	40.02	ng		96
68) Atrazine	11.00	200	260460	37.80	ng		98
69) Pentachlorophenol	11.12	266	114344	36.24	ng		97
70) Phenanthrene	11.32	178	1515591	39.35	ng		99
71) Anthracene	11.37	178	1425059	36.85	ng		99
72) Carbazole	11.53	167	1427208	38.61	ng		99
73) Di-n-butylphthalate	11.86	149	1681711	42.06	ng	#	96
74) Fluoranthene	12.51	202	1562915	39.34	ng		93
76) Benzidine	12.64	184	672442	30.39	ng		97
77) Pyrene	12.74	202	1586245	40.82	ng		99
79) Butylbenzylphthalate	13.35	149	652945	41.38	ng		99
80) Benzo(a)anthracene	13.93	228	1240554	39.06	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	437802	38.67	ng		98
82) Chrysene	13.96	228	1187815	39.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	948422	43.95	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1497947	42.63	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	854103	37.08	ng	#	94
87) Benzo(b)fluoranthene	14.95	252	986181m	36.33	ng		
88) Benzo(k)fluoranthene	14.98	252	1015406m	43.33	ng		
89) Benzo(a)pyrene	15.29	252	910159	38.76	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	727163	38.32	ng	#	95
91) Benzo(g,h,i)perylene	17.13	276	754173	39.34	ng	#	92

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

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