Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
Data File : BF094062.D
Acq On : 30 Mar 2017 17:01
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 31 03:18:10 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	201761	20.00	ng		-0.04
21) Naphthalene-d8	7.42	136	830808	20.00	ng		-0.04
38) Acenaphthene-d10	9.57	164	382339	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	691459	20.00	ng		-0.03
75) Chrysene-d12	14.65	240	551902	20.00	ng		-0.03
86) Perylene-d12	16.27	264	461775	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.45	112	926805	77.59	ng		-0.02
7) Phenol-d6	5.53	99	1122978	75.99	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1154970	79.34	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	264285	87.47	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	2005016	79.99	ng		-0.03
78) Terphenyl-d14	13.37	244	1964210	79.77	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	223513	38.95	ng		95
3) Pyridine	2.77	79	603402	38.58	ng		99
4) n-Nitrosodimethylamine	2.73	42	241982	37.60	ng		89
6) Aniline	5.54	93	720262	35.04	ng	#	65
8) 2-Chlorophenol	5.69	128	533408	40.62	ng		94
9) Benzaldehyde	5.41	77	364908	36.57	ng		97
10) Phenol	5.55	94	639875	38.05	ng		77
11) bis(2-Chloroethyl)ether	5.62	93	522253	39.74	ng		98
12) 1,3-Dichlorobenzene	5.85	146	587225	39.87	ng		99
13) 1,4-Dichlorobenzene	5.94	146	591138	39.63	ng		98
14) 1,2-Dichlorobenzene	6.12	146	548482	39.93	ng		95
15) Benzyl Alcohol	6.09	79	417754	38.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	720259	35.57	ng		83
17) 2-Methylphenol	6.23	107	440742	39.19	ng	#	93
18) Hexachloroethane	6.50	117	214701	40.95	ng	#	83
19) n-Nitroso-di-n-propylamine	6.40	70	379919	40.00	ng		98
20) 3+4-Methylphenols	6.42	107	586569	43.07	ng	#	63
22) Acetophenone	6.39	105	769808	41.57	ng	#	87
24) Nitrobenzene	6.59	77	567805	39.55	ng		96
25) Isophorone	6.88	82	1015596	39.70	ng		96
26) 2-Nitrophenol	6.96	139	301169	43.98	ng		95
27) 2,4-Dimethylphenol	7.04	122	474487	40.22	ng		97
28) bis(2-Chloroethoxy)methane	7.14	93	660616	39.16	ng		99
29) 2,4-Dichlorophenol	7.27	162	455615	41.30	ng		99
30) 1,2,4-Trichlorobenzene	7.36	180	458903	40.39	ng		97
31) Naphthalene	7.45	128	1586831	39.72	ng		99
32) Benzoic acid	7.21	122	320158	40.76	ng		97
33) 4-Chloroaniline	7.52	127	654370	40.42	ng		95
34) Hexachlorobutadiene	7.60	225	236463	40.58	ng		98
35) Caprolactam	7.98	113	146199	41.56	ng		92
36) 4-Chloro-3-methylphenol	8.14	107	481638	41.78	ng		90
37) 2-Methylnaphthalene	8.29	142	1074340	40.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	428867	41.00	ng		100
40) Hexachlorocyclopentadiene	8.49	237	195150	39.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	307157	41.51	ng		98
43) 2,4,5-Trichlorophenol	8.70	196	331097	41.35	ng		94
45) 1,1'-Biphenyl	8.87	154	1219566	39.55	ng		98
46) 2-Chloronaphthalene	8.89	162	958254	39.69	ng		95
47) 2-Nitroaniline	9.02	65	299854	41.87	ng	#	85
48) Acenaphthylene	9.39	152	1575493	39.27	ng		100
49) Dimethylphthalate	9.26	163	1125393	41.41	ng		100
50) 2,6-Dinitrotoluene	9.32	165	265514	42.62	ng		93
51) Acenaphthene	9.61	154	911252	38.92	ng		99
52) 3-Nitroaniline	9.53	138	304104	41.57	ng		93
53) 2,4-Dinitrophenol	9.66	184	138241	43.71	ng	#	67
54) Dibenzofuran	9.82	168	1224652	38.43	ng		100
55) 4-Nitrophenol	9.77	139	221385	38.64	ng	#	72
56) 2,4-Dinitrotoluene	9.82	165	318968	40.76	ng	#	73
57) Fluorene	10.24	166	1006079	38.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	224853	40.93	ng		98
59) Diethylphthalate	10.12	149	1093382	40.70	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	436716	38.79	ng		95
61) 4-Nitroaniline	10.29	138	309477	44.08	ng		96
62) Azobenzene	10.45	77	993678	39.11	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	188416	44.49	ng	#	74
65) n-Nitrosodiphenylamine	10.40	169	933087	39.02	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	275608	40.53	ng		98
67) Hexachlorobenzene	10.92	284	282529	41.04	ng	#	92
68) Atrazine	11.07	200	294052	41.06	ng		97
69) Pentachlorophenol	11.17	266	141578	33.04	ng		99
70) Phenanthrene	11.42	178	1505850	39.15	ng		99
71) Anthracene	11.49	178	1565120	39.52	ng		99
72) Carbazole	11.69	167	1584165	39.01	ng		99
73) Di-n-butylphthalate	12.13	149	1712412	40.55	ng		100
74) Fluoranthene	12.89	202	1564606	39.72	ng		99
76) Benzidine	13.06	184	786547	36.01	ng	#	94
77) Pyrene	13.16	202	1607853	40.14	ng		100
79) Butylbenzylphthalate	13.97	149	740452	43.39	ng	#	83
80) Benzo(a)anthracene	14.63	228	1312079	40.77	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	488203	42.44	ng	#	96
82) Chrysene	14.68	228	1145624	38.36	ng		98
83) Bis(2-ethylhexyl)phthalate	14.69	149	934224	40.12	ng	#	99
84) Di-n-octyl phthalate	15.44	149	1675944	43.09	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	1015096	39.24	ng		100
87) Benzo(b)fluoranthene	15.87	252	1223988	43.24	ng		99
88) Benzo(k)fluoranthene	15.90	252	1028921m	37.15	ng		
89) Benzo(a)pyrene	16.22	252	1053958	40.43	ng		99
90) Dibenzo(a,h)anthracene	17.66	278	863474	39.12	ng		98
91) Benzo(g,h,i)perylene	18.04	276	853156	38.35	ng		98

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

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