Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088510.D
Acq On : 29 Jun 2016 23:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED
sohil
6/30/2016 7:46:27 PM

Quant Time: Jun 30 02:27:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 02:07:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	135434	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	534910	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	231787	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	396531	20.00	ng		0.00
75) Chrysene-d12	13.97	240	208143	20.00	ng		0.00
86) Perylene-d12	15.36	264	264807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	718816	82.19	ng		0.00
7) Phenol-d6	6.46	99	940033	84.06	ng		0.00
23) Nitrobenzene-d5	7.39	82	870274	85.45	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	140732	79.19	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1290671	91.07	ng		0.00
78) Terphenyl-d14	12.91	244	764351	72.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	173718	38.90	ng	#	29
3) Pyridine	3.10	79	512305	39.41	ng		98
4) n-Nitrosodimethylamine	3.05	42	209986	41.04	ng		100
6) Aniline	6.48	93	667215	40.85	ng		99
8) 2-Chlorophenol	6.60	128	389434	40.57	ng		98
9) Benzaldehyde	6.36	77	200088	44.59	ng		100
10) Phenol	6.47	94	576437	46.11	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	383182	37.83	ng		99
12) 1,3-Dichlorobenzene	6.76	146	415295	41.05	ng		100
13) 1,4-Dichlorobenzene	6.84	146	433110	41.99	ng		100
14) 1,2-Dichlorobenzene	6.99	146	376287	43.94	ng		99
15) Benzyl Alcohol	6.96	79	375968	40.65	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.11	45	555359	37.74	ng		99
17) 2-Methylphenol	7.07	107	322790	39.52	ng		100
18) Hexachloroethane	7.34	117	159001	40.03	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	304132	39.95	ng		99
20) 3+4-Methylphenols	7.23	107	376091	41.69	ng		98
22) Acetophenone	7.23	105	482371	37.46	ng		99
24) Nitrobenzene	7.40	77	412313	37.74	ng		98
25) Isophorone	7.64	82	772473	37.54	ng	#	93
26) 2-Nitrophenol	7.72	139	181200	50.97	ng		96
27) 2,4-Dimethylphenol	7.76	122	344002	37.24	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	494817	39.01	ng		99
29) 2,4-Dichlorophenol	7.96	162	311404	41.83	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	322573	39.41	ng		98
31) Naphthalene	8.12	128	1083532	39.93	ng		99
32) Benzoic acid	7.86	122	125423	32.43	ng		97
33) 4-Chloroaniline	8.18	127	467163	38.58	ng		98
34) Hexachlorobutadiene	8.25	225	160366	41.92	ng		99
35) Caprolactam	8.55	113	97308	42.77	ng	#	76
36) 4-Chloro-3-methylphenol	8.65	107	301986	36.52	ng	#	83
37) 2-Methylnaphthalene	8.82	142	720974	43.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	255359	41.11	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	155564	41.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	200029	43.23	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	209386	45.30	ng		95
45) 1,1'-Biphenyl	9.28	154	722671	39.41	ng		100
46) 2-Chloronaphthalene	9.30	162	583427	40.14	ng		99
47) 2-Nitroaniline	9.39	65	181482	41.23	ng		99
48) Acenaphthylene	9.71	152	986675	40.33	ng		99
49) Dimethylphthalate	9.59	163	733182	46.78	ng		99
50) 2,6-Dinitrotoluene	9.64	165	162038	46.51	ng	#	83
51) Acenaphthene	9.90	154	598590	41.56	ng		98
52) 3-Nitroaniline	9.80	138	156089	39.39	ng		97
53) 2,4-Dinitrophenol	9.91	184	33463	60.29	ng	#	86
54) Dibenzofuran	10.06	168	846839	39.84	ng	#	89
55) 4-Nitrophenol	9.95	139	105340	38.81	ng		95
56) 2,4-Dinitrotoluene	10.04	165	187384	43.01	ng	#	81
57) Fluorene	10.40	166	537575	38.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	139539	40.13	ng		95
59) Diethylphthalate	10.28	149	691731	41.73	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	267118	42.33	ng		98
61) 4-Nitroaniline	10.41	138	128364	38.24	ng		80
62) Azobenzene	10.56	77	916038	42.47	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	62843	50.14	ng	#	75
65) n-Nitrosodiphenylamine	10.51	169	529495	37.29	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	171638	40.01	ng	#	93
67) Hexachlorobenzene	10.95	284	177299	40.65	ng		91
68) Atrazine	11.04	200	140536	34.26	ng		99
69) Pentachlorophenol	11.14	266	87851	40.32	ng		97
70) Phenanthrene	11.36	178	874185	43.66	ng		100
71) Anthracene	11.40	178	851407	39.31	ng		99
72) Carbazole	11.57	167	795241	42.95	ng		98
73) Di-n-butylphthalate	11.91	149	993243	41.79	ng		99
74) Fluoranthene	12.54	202	731490	39.03	ng		98
76) Benzidine	12.66	184	269813	41.76	ng		100
77) Pyrene	12.77	202	748947	41.72	ng		99
79) Butylbenzylphthalate	13.39	149	320482	42.79	ng		93
80) Benzo(a)anthracene	13.95	228	590708	42.04	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	204371	43.97	ng		99
82) Chrysene	13.99	228	581371	44.58	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	425608	40.85	ng	#	94
84) Di-n-octyl phthalate	14.57	149	771252	43.29	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	751055	44.17	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	704654m	45.96	ng		
88) Benzo(k)fluoranthene	14.99	252	456916m	33.28	ng		
89) Benzo(a)pyrene	15.30	252	582641	39.66	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	617066	41.44	ng	#	94
91) Benzo(g,h,i)perylene	17.13	276	632421	40.53	ng		99

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

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