Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090643.D
Acq On : 19 Oct 2016 13:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/20/2016 10:36:41 AM

Quant Time: Oct 19 15:13:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	246993	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	1086968	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	566808	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	874463	20.00	ng		-0.02
75) Chrysene-d12	14.06	240	763139	20.00	ng		-0.02
86) Perylene-d12	15.52	264	571062	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1217426	90.36	ng		-0.02
7) Phenol-d6	6.53	99	1711810	85.51	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1599683	81.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	377700	74.74	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	2732779	79.44	ng		-0.01
78) Terphenyl-d14	13.01	244	2519628	76.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	334544	43.57	ng		96
3) Pyridine	3.25	79	894887	52.00	ng		97
4) n-Nitrosodimethylamine	3.22	42	304558	49.22	ng		88
6) Aniline	6.55	93	1059037	43.78	ng		100
8) 2-Chlorophenol	6.68	128	789705	45.20	ng		88
9) Benzaldehyde	6.44	77	479661	37.69	ng		99
10) Phenol	6.54	94	926590	40.47	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	802832	42.50	ng		94
12) 1,3-Dichlorobenzene	6.83	146	722461	41.47	ng		97
13) 1,4-Dichlorobenzene	6.91	146	801385	42.29	ng		97
14) 1,2-Dichlorobenzene	7.07	146	714166	40.32	ng		95
15) Benzyl Alcohol	7.03	79	613611	45.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1137245	42.78	ng		91
17) 2-Methylphenol	7.15	107	589629	43.31	ng		99
18) Hexachloroethane	7.40	117	302559	40.41	ng	#	91
19) n-Nitroso-di-n-propylamine	7.31	70	549758	40.05	ng	#	95
20) 3+4-Methylphenols	7.31	107	705622	42.75	ng	#	88
22) Acetophenone	7.31	105	978719	40.76	ng	#	91
24) Nitrobenzene	7.48	77	928314	46.23	ng		92
25) Isophorone	7.72	82	1505674	42.28	ng		97
26) 2-Nitrophenol	7.80	139	382686	42.01	ng	#	80
27) 2,4-Dimethylphenol	7.83	122	621456	41.11	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	816779	38.84	ng		99
29) 2,4-Dichlorophenol	8.04	162	572252	43.22	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	611124	39.40	ng		97
31) Naphthalene	8.20	128	1978536	35.73	ng		98
32) Benzoic acid	7.98	122	460867	49.63	ng		98
33) 4-Chloroaniline	8.26	127	846825	40.01	ng	#	90
34) Hexachlorobutadiene	8.31	225	327162	37.76	ng		98
35) Caprolactam	8.63	113	166351	45.01	ng	#	86
36) 4-Chloro-3-methylphenol	8.74	107	635295	41.58	ng		91
37) 2-Methylnaphthalene	8.90	142	1364772	41.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	561749	37.38	ng		99
40) Hexachlorocyclopentadiene	9.05	237	272883	37.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	378247	44.62	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	412728	40.81	ng	#	87
45) 1,1'-Biphenyl	9.35	154	1593609	36.95	ng		97
46) 2-Chloronaphthalene	9.39	162	1302107	40.49	ng		93
47) 2-Nitroaniline	9.48	65	486276	41.71	ng		91
48) Acenaphthylene	9.80	152	1958135	38.24	ng		99
49) Dimethylphthalate	9.66	163	1390509	37.81	ng		99
50) 2,6-Dinitrotoluene	9.72	165	291252	36.19	ng	#	61
51) Acenaphthene	9.97	154	1289593	37.89	ng		99
52) 3-Nitroaniline	9.89	138	360916	35.74	ng		89
53) 2,4-Dinitrophenol	9.99	184	172115	42.28	ng	#	65
54) Dibenzofuran	10.14	168	1645615	36.75	ng		95
55) 4-Nitrophenol	10.06	139	239539	39.42	ng	#	85
56) 2,4-Dinitrotoluene	10.13	165	435635	39.86	ng	#	85
57) Fluorene	10.49	166	1380141	37.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	298416m	35.43	ng		
59) Diethylphthalate	10.36	149	1424952	38.21	ng		96
60) 4-Chlorophenyl-phenylether	10.47	204	607893	34.92	ng	#	88
61) 4-Nitroaniline	10.51	138	388514	38.37	ng		94
62) Azobenzene	10.63	77	1631399	37.81	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	229741	43.41	ng		86
65) n-Nitrosodiphenylamine	10.60	169	1149854	39.81	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	339467	36.18	ng	#	82
67) Hexachlorobenzene	11.03	284	402037	39.46	ng	#	85
68) Atrazine	11.13	200	313700	39.27	ng		99
69) Pentachlorophenol	11.23	266	238049	47.15	ng		98
70) Phenanthrene	11.45	178	1772967	37.98	ng		98
71) Anthracene	11.50	178	1978844	39.39	ng		99
72) Carbazole	11.65	167	1714834	38.13	ng		98
73) Di-n-butylphthalate	11.98	149	1974961	37.48	ng	#	98
74) Fluoranthene	12.64	202	1822650	38.82	ng		94
76) Benzidine	12.76	184	698531	36.79	ng		98
77) Pyrene	12.86	202	1796612	35.55	ng		98
79) Butylbenzylphthalate	13.48	149	842985	37.65	ng		93
80) Benzo(a)anthracene	14.05	228	1681109	38.70	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	650631	43.84	ng	#	98
82) Chrysene	14.10	228	1767555	42.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1107031	36.64	ng	#	98
84) Di-n-octyl phthalate	14.66	149	1919155	47.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1092430	45.14	ng		99
87) Benzo(b)fluoranthene	15.09	252	1688583	45.19	ng		98
88) Benzo(k)fluoranthene	15.13	252	1287683m	32.03	ng		
89) Benzo(a)pyrene	15.46	252	1353556	39.57	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	946221	36.27	ng		99
91) Benzo(g,h,i)perylene	17.39	276	873591	35.12	ng		97

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

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