Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091270.D
Acq On : 23 Nov 2016 10:51
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 12:04:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 11:54:55 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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11/28/2016 4:52:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211180	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	897064	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	482479	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	811442	20.00	ng		0.00
75) Chrysene-d12	14.04	240	569374	20.00	ng		0.00
86) Perylene-d12	15.47	264	483900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	984195	77.48	ng		0.00
7) Phenol-d6	6.50	99	1374580	90.50	ng		0.00
23) Nitrobenzene-d5	7.45	82	1255520	77.17	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	363047	80.60	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2052894	74.31	ng		0.00
78) Terphenyl-d14	12.99	244	2100077	83.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	245248	42.48	ng		89
3) Pyridine	3.22	79	675226	44.73	ng		87
4) n-Nitrosodimethylamine	3.17	42	360203	44.22	ng		94
6) Aniline	6.54	93	867397	47.54	ng	#	68
8) 2-Chlorophenol	6.66	128	548297	40.29	ng	#	81
9) Benzaldehyde	6.42	77	331007	43.40	ng		92
10) Phenol	6.52	94	745217	41.94	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	517596	37.38	ng		96
12) 1,3-Dichlorobenzene	6.82	146	619472	41.87	ng		97
13) 1,4-Dichlorobenzene	6.90	146	654922	42.36	ng		99
14) 1,2-Dichlorobenzene	7.05	146	536530	39.08	ng		97
15) Benzyl Alcohol	7.02	79	540309	45.28	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1173498	44.29	ng		72
17) 2-Methylphenol	7.13	107	439582	32.12	ng	#	76
18) Hexachloroethane	7.40	117	225251	39.37	ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	414195	37.31	ng	#	95
20) 3+4-Methylphenols	7.29	107	585046	42.76	ng	#	66
22) Acetophenone	7.29	105	706286	33.03	ng	#	73
24) Nitrobenzene	7.46	77	575379	31.77	ng		95
25) Isophorone	7.71	82	1098502	35.80	ng	#	94
26) 2-Nitrophenol	7.78	139	284328	36.75	ng		92
27) 2,4-Dimethylphenol	7.81	122	500162	41.02	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	647287	38.59	ng		100
29) 2,4-Dichlorophenol	8.02	162	483056	39.82	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	549687	40.57	ng		96
31) Naphthalene	8.19	128	1727644	41.22	ng		100
32) Benzoic acid	7.94	122	412007	47.51	ng		93
33) 4-Chloroaniline	8.24	127	763266	44.99	ng		98
34) Hexachlorobutadiene	8.32	225	312730	38.93	ng		98
35) Caprolactam	8.61	113	149144	43.66	ng	#	76
36) 4-Chloro-3-methylphenol	8.72	107	530839	39.93	ng	#	84
37) 2-Methylnaphthalene	8.88	142	1029897	36.65	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	547336	40.23	ng		97
40) Hexachlorocyclopentadiene	9.04	237	242880	58.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	355013	42.87	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	333927	38.50	ng	#	84
45) 1,1'-Biphenyl	9.34	154	1395982	37.94	ng		96
46) 2-Chloronaphthalene	9.37	162	982903	35.90	ng		98
47) 2-Nitroaniline	9.46	65	376084	37.02	ng	#	81
48) Acenaphthylene	9.78	152	1495749	36.30	ng		99
49) Dimethylphthalate	9.65	163	1209075	37.56	ng		99
50) 2,6-Dinitrotoluene	9.70	165	253134	36.68	ng		89
51) Acenaphthene	9.95	154	1058901	41.45	ng		96
52) 3-Nitroaniline	9.87	138	297837	40.48	ng		94
53) 2,4-Dinitrophenol	9.97	184	99549	27.99	ng	#	80
54) Dibenzofuran	10.12	168	1385205	38.93	ng		99
55) 4-Nitrophenol	10.02	139	239526	67.45	ng		89
56) 2,4-Dinitrotoluene	10.10	165	309976	35.68	ng	#	56
57) Fluorene	10.46	166	1016007	35.28	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	290749	39.82	ng		96
59) Diethylphthalate	10.35	149	1201931	38.52	ng	#	94
60) 4-Chlorophenyl-phenylether	10.46	204	527255	38.99	ng		94
61) 4-Nitroaniline	10.48	138	269843	35.60	ng		89
62) Azobenzene	10.62	77	1303990	35.14	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	166636	32.17	ng	#	61
65) n-Nitrosodiphenylamine	10.58	169	918118	37.55	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	364858	43.02	ng	#	75
67) Hexachlorobenzene	11.01	284	362898	39.22	ng	#	85
68) Atrazine	11.10	200	237247	29.93	ng		98
69) Pentachlorophenol	11.21	266	243026	66.32	ng		99
70) Phenanthrene	11.42	178	1517341	35.58	ng		99
71) Anthracene	11.48	178	1799318	42.34	ng		99
72) Carbazole	11.63	167	1544387	39.66	ng		98
73) Di-n-butylphthalate	11.97	149	1841986	39.75	ng		99
74) Fluoranthene	12.61	202	1769512	38.10	ng		100
76) Benzidine	12.73	184	457403	35.77	ng		99
77) Pyrene	12.84	202	1827252	41.84	ng		99
79) Butylbenzylphthalate	13.47	149	717067	39.11	ng	#	80
80) Benzo(a)anthracene	14.02	228	1309742	37.97	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	439536	36.76	ng	#	96
82) Chrysene	14.07	228	1372746	38.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	940472	40.47	ng	#	94
84) Di-n-octyl phthalate	14.64	149	1395848	34.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	1069375	37.92	ng		96
87) Benzo(b)fluoranthene	15.06	252	1153491	39.67	ng	#	97
88) Benzo(k)fluoranthene	15.08	252	1036203m	35.27	ng		
89) Benzo(a)pyrene	15.41	252	1033348	38.75	ng	#	95
90) Dibenzo(a,h)anthracene	16.91	278	954576	43.44	ng	#	93
91) Benzo(g,h,i)perylene	17.31	276	917938	40.87	ng		99

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

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