Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090605.D
Acq On : 17 Oct 2016 14:10
Operator : UM/SJ
Sample : SSTDCCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Manual Integrations APPROVED
SOHIL
10/18/2016 6:05:33 PM

Quant Time: Oct 17 16:29:48 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 15:58:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	214335	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	912126	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	467192	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	760027	20.00	ng		0.00
75) Chrysene-d12	14.09	240	642374	20.00	ng		0.00
86) Perylene-d12	15.54	264	354689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1111429	95.06	ng		0.01
7) Phenol-d6	6.54	99	1445218	83.19	ng		0.00
23) Nitrobenzene-d5	7.48	82	1365501	83.16	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	375052	90.04	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	2041486	72.00	ng		0.00
78) Terphenyl-d14	13.04	244	2279085	82.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	274264	41.16	ng		93
3) Pyridine	3.27	79	688695	46.11	ng		91
4) n-Nitrosodimethylamine	3.23	42	200768	39.12	ng		80
6) Aniline	6.58	93	832540	39.66	ng	#	87
8) 2-Chlorophenol	6.69	128	603060	39.78	ng		98
9) Benzaldehyde	6.45	77	388768	35.20	ng		92
10) Phenol	6.57	94	762514	38.38	ng	#	75
11) bis(2-Chloroethyl)ether	6.65	93	664204	40.52	ng		99
12) 1,3-Dichlorobenzene	6.85	146	630932	41.73	ng		98
13) 1,4-Dichlorobenzene	6.93	146	632452	38.46	ng		97
14) 1,2-Dichlorobenzene	7.08	146	630607	41.02	ng		98
15) Benzyl Alcohol	7.06	79	546228	46.16	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	973603	42.20	ng		95
17) 2-Methylphenol	7.17	107	507777	42.98	ng		96
18) Hexachloroethane	7.42	117	253951	39.08	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	514016	43.15	ng	#	87
20) 3+4-Methylphenols	7.32	107	587990	41.05	ng		93
22) Acetophenone	7.32	105	794868	39.45	ng	#	96
24) Nitrobenzene	7.49	77	669931	39.75	ng		99
25) Isophorone	7.73	82	1207419	40.40	ng		99
26) 2-Nitrophenol	7.81	139	324989	42.51	ng		98
27) 2,4-Dimethylphenol	7.86	122	545778	43.02	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	732023	41.48	ng		100
29) 2,4-Dichlorophenol	8.06	162	428308	38.54	ng		96
30) 1,2,4-Trichlorobenzene	8.14	180	528232	40.59	ng		100
31) Naphthalene	8.22	128	1788899	38.50	ng		99
32) Benzoic acid	8.01	122	369947	47.48	ng		98
33) 4-Chloroaniline	8.27	127	641220	36.11	ng		99
34) Hexachlorobutadiene	8.34	225	279830	38.48	ng		99
35) Caprolactam	8.66	113	149504m	48.21	ng		
36) 4-Chloro-3-methylphenol	8.75	107	507770	39.60	ng		98
37) 2-Methylnaphthalene	8.91	142	1047830	38.40	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	522864	42.21	ng		98
40) Hexachlorocyclopentadiene	9.07	237	251323	41.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	322150	46.11	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	322245	38.66	ng		98
45) 1,1'-Biphenyl	9.38	154	1411821	39.71	ng		99
46) 2-Chloronaphthalene	9.40	162	1034967	39.04	ng		100
47) 2-Nitroaniline	9.50	65	393138	40.91	ng		87
48) Acenaphthylene	9.82	152	1636818	38.78	ng		98
49) Dimethylphthalate	9.67	163	1161873	38.33	ng		100
50) 2,6-Dinitrotoluene	9.74	165	285897	43.10	ng		98
51) Acenaphthene	9.99	154	1156203	41.21	ng		99
52) 3-Nitroaniline	9.91	138	326205	39.19	ng		96
53) 2,4-Dinitrophenol	10.02	184	148044	43.87	ng	#	71
54) Dibenzofuran	10.17	168	1423455	38.57	ng		99
55) 4-Nitrophenol	10.07	139	203228	40.57	ng		96
56) 2,4-Dinitrotoluene	10.14	165	375040	41.63	ng		98
57) Fluorene	10.51	166	1215945	39.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	297588	42.87	ng		98
59) Diethylphthalate	10.38	149	1277986	41.57	ng		94
60) 4-Chlorophenyl-phenylether	10.50	204	588386	41.00	ng		99
61) 4-Nitroaniline	10.53	138	342517	41.04	ng		99
62) Azobenzene	10.66	77	1462749	41.13	ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	209095	45.46	ng		96
65) n-Nitrosodiphenylamine	10.62	169	954339	38.01	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	310437	38.07	ng		97
67) Hexachlorobenzene	11.06	284	371743	41.99	ng	#	67
68) Atrazine	11.15	200	288861	41.60	ng		98
69) Pentachlorophenol	11.25	266	195739	44.60	ng		99
70) Phenanthrene	11.47	178	1677453	41.35	ng		99
71) Anthracene	11.52	178	1654189	37.88	ng		100
72) Carbazole	11.68	167	1591655	40.72	ng		99
73) Di-n-butylphthalate	12.01	149	2042169	44.60	ng	#	98
74) Fluoranthene	12.66	202	1720431	42.16	ng		99
76) Benzidine	12.78	184	512058	32.04	ng		97
77) Pyrene	12.89	202	1770380	41.61	ng		99
79) Butylbenzylphthalate	13.50	149	835485	44.32	ng		94
80) Benzo(a)anthracene	14.08	228	1462316	39.99	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	498493	39.90	ng		100
82) Chrysene	14.11	228	1302093	36.95	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1316986	51.79	ng		99
84) Di-n-octyl phthalate	14.68	149	1400775	41.08	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	858356	42.13	ng		98
87) Benzo(b)fluoranthene	15.12	252	1079803m	46.52	ng		
88) Benzo(k)fluoranthene	15.15	252	865843m	34.67	ng		
89) Benzo(a)pyrene	15.48	252	844210	39.73	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	756911	46.71	ng		97
91) Benzo(g,h,i)perylene	17.42	276	722011	46.73	ng		97

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

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