Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090406.D
Acq On : 6 Oct 2016 3:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:49 PM

Quant Time: Oct 06 06:46:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	251126	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1048164	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	515500	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	814271	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	532906	20.00	ng		-0.01
86) Perylene-d12	15.70	264	436138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1346921	80.05	ng		0.00
7) Phenol-d6	6.62	99	1646358	74.71	ng		0.00
23) Nitrobenzene-d5	7.57	82	1695468	78.68	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	326877	77.98	ng		-0.01
44) 2-Fluorobiphenyl	9.38	172	2558368	82.69	ng		0.00
78) Terphenyl-d14	13.14	244	2304194	97.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	317842	38.32	ng	#	93
3) Pyridine	3.47	79	885637	38.29	ng		85
4) n-Nitrosodimethylamine	3.42	42	362095	37.94	ng	#	59
6) Aniline	6.66	93	1173529	38.55	ng		96
8) 2-Chlorophenol	6.78	128	675049	36.46	ng		88
9) Benzaldehyde	6.54	77	473463	42.50	ng		87
10) Phenol	6.63	94	939239	36.66	ng		98
11) bis(2-Chloroethyl)ether	6.74	93	770264	39.26	ng		94
12) 1,3-Dichlorobenzene	6.94	146	664545	36.00	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	760930	40.59	ng		98
14) 1,2-Dichlorobenzene	7.17	146	635385	35.18	ng		93
15) Benzyl Alcohol	7.14	79	600632	35.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1278022	38.41	ng		96
17) 2-Methylphenol	7.25	107	567688	37.28	ng		98
18) Hexachloroethane	7.53	117	282290	38.19	ng	#	88
19) n-Nitroso-di-n-propylamine	7.42	70	642367	39.75	ng	#	80
20) 3+4-Methylphenols	7.41	107	770519	39.09	ng	#	59
22) Acetophenone	7.41	105	908093	36.58	ng	#	97
24) Nitrobenzene	7.58	77	798171	37.31	ng		93
25) Isophorone	7.83	82	1511281	38.36	ng		97
26) 2-Nitrophenol	7.90	139	349126	37.92	ng	#	74
27) 2,4-Dimethylphenol	7.94	122	629780	35.17	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	979538	42.04	ng		98
29) 2,4-Dichlorophenol	8.14	162	495659	36.41	ng		87
30) 1,2,4-Trichlorobenzene	8.23	180	569656	40.60	ng		98
31) Naphthalene	8.31	128	1808714	35.77	ng		99
32) Benzoic acid	8.06	122	526987	42.33	ng		98
33) 4-Chloroaniline	8.36	127	869241	41.59	ng		95
34) Hexachlorobutadiene	8.44	225	299691	38.23	ng		98
35) Caprolactam	8.74	113	180563	39.45	ng	#	87
36) 4-Chloro-3-methylphenol	8.84	107	689501	40.45	ng		96
37) 2-Methylnaphthalene	9.01	142	1240772	40.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	493751	36.33	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	273848	36.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	392122m	41.81	ng		
43) 2,4,5-Trichlorophenol	9.32	196	364975m	41.16	ng		
45) 1,1'-Biphenyl	9.47	154	1426885	37.35	ng		92
46) 2-Chloronaphthalene	9.50	162	1178743	41.76	ng		94
47) 2-Nitroaniline	9.58	65	420537	37.76	ng	#	82
48) Acenaphthylene	9.91	152	1683353	36.15	ng		99
49) Dimethylphthalate	9.78	163	1343746	40.70	ng		98
50) 2,6-Dinitrotoluene	9.83	165	319580	43.60	ng	#	75
51) Acenaphthene	10.09	154	1047905	36.09	ng		98
52) 3-Nitroaniline	10.01	138	348868	40.74	ng	#	74
53) 2,4-Dinitrophenol	10.10	184	117616	35.99	ng	#	1
54) Dibenzofuran	10.26	168	1325979	35.28	ng		91
55) 4-Nitrophenol	10.15	139	316552	42.25	ng	#	76
56) 2,4-Dinitrotoluene	10.23	165	402099	41.22	ng	#	44
57) Fluorene	10.60	166	1179770	37.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	249554	37.68	ng	#	77
59) Diethylphthalate	10.47	149	1334117	39.06	ng		93
60) 4-Chlorophenyl-phenylether	10.60	204	583860	40.65	ng	#	84
61) 4-Nitroaniline	10.61	138	322388	37.37	ng		94
62) Azobenzene	10.75	77	1619595	41.05	ng		87
64) 4,6-Dinitro-2-methylphenol	10.65	198	200017	37.70	ng	#	56
65) n-Nitrosodiphenylamine	10.71	169	1137336	41.68	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	317037	39.72	ng	#	84
67) Hexachlorobenzene	11.16	284	353148	39.73	ng	#	82
68) Atrazine	11.24	200	320998	47.71	ng		97
69) Pentachlorophenol	11.34	266	220154	41.61	ng		99
70) Phenanthrene	11.57	178	1745536	41.86	ng		98
71) Anthracene	11.62	178	1560572	36.65	ng		99
72) Carbazole	11.77	167	1546043	39.08	ng		98
73) Di-n-butylphthalate	12.11	149	2062392	42.84	ng	#	96
74) Fluoranthene	12.76	202	1566364	38.30	ng		98
76) Benzidine	12.88	184	703508	50.21	ng		98
77) Pyrene	12.99	202	1468916	41.34	ng		99
79) Butylbenzylphthalate	13.61	149	750332	41.15	ng	#	75
80) Benzo(a)anthracene	14.18	228	1234755	41.30	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	486177	44.85	ng	#	98
82) Chrysene	14.22	228	1169584	42.50	ng		98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1076190	41.53	ng	#	97
84) Di-n-octyl phthalate	14.80	149	1612278	41.96	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1074285	54.76	ng	#	94
87) Benzo(b)fluoranthene	15.25	252	954387	34.35	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	1024760m	39.27	ng		
89) Benzo(a)pyrene	15.63	252	919751	38.41	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	905449	44.45	ng		97
91) Benzo(g,h,i)perylene	17.68	276	875834	44.80	ng	#	93

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

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