Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087622.D
Acq On : 1 Jun 2016 17:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/9/2016 8:12:15 PM

Quant Time: Jun 02 08:07:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 02:13:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	195915	20.00	ng		0.00
21) Naphthalene-d8	9.46	136	807208	20.00	ng		0.00
38) Acenaphthene-d10	12.28	164	380762	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	721033	20.00	ng		0.00
75) Chrysene-d12	18.40	240	526943	20.00	ng		0.00
86) Perylene-d12	20.08	264	383202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	965833	86.63	ng		0.00
7) Phenol-d6	7.00	99	1220922	81.04	ng		0.00
23) Nitrobenzene-d5	8.36	82	1339322	83.62	ng		0.00
41) 2,4,6-Tribromophenol	13.59	330	298835	81.67	ng		0.00
44) 2-Fluorobiphenyl	11.23	172	1995196	73.87	ng		0.00
78) Terphenyl-d14	17.05	244	2027476	81.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	193647	32.92	ng	#	73
3) Pyridine	2.30	79	441551m	34.33	ng		
4) n-Nitrosodimethylamine	2.28	42	412123	41.59	ng	#	45
6) Aniline	6.94	93	799210	41.01	ng		94
8) 2-Chlorophenol	7.12	128	558543	40.17	ng		96
9) Benzaldehyde	6.74	77	308322	37.07	ng		97
10) Phenol	7.02	94	669761	40.71	ng	#	70
11) bis(2-Chloroethyl)ether	7.07	93	522297	39.23	ng		86
12) 1,3-Dichlorobenzene	7.31	146	594798	39.22	ng	#	90
13) 1,4-Dichlorobenzene	7.45	146	610327	39.20	ng	#	95
14) 1,2-Dichlorobenzene	7.68	146	565304	39.25	ng		97
15) Benzyl Alcohol	7.74	79	487044	44.34	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.92	45	1108782	37.01	ng		87
17) 2-Methylphenol	7.95	107	452156	40.58	ng	#	88
18) Hexachloroethane	8.19	117	234915	40.44	ng		92
19) n-Nitroso-di-n-propylamine	8.17	70	451594	40.19	ng	#	76
20) 3+4-Methylphenols	8.23	107	605647	44.96	ng	#	61
22) Acetophenone	8.12	105	799738	41.47	ng	#	97
24) Nitrobenzene	8.39	77	695482	41.14	ng		98
25) Isophorone	8.79	82	1160471	40.40	ng	#	98
26) 2-Nitrophenol	8.89	139	300787	43.52	ng	#	79
27) 2,4-Dimethylphenol	9.04	122	479786	39.99	ng	#	85
28) bis(2-Chloroethoxy)methane	9.15	93	622582	38.48	ng	#	98
29) 2,4-Dichlorophenol	9.31	162	452690	41.87	ng		99
30) 1,2,4-Trichlorobenzene	9.38	180	473602	38.26	ng		97
31) Naphthalene	9.50	128	1610459	39.82	ng		100
32) Benzoic acid	9.44	122	265640	43.61	ng	#	77
33) 4-Chloroaniline	9.64	127	598008	40.14	ng	#	91
34) Hexachlorobutadiene	9.70	225	293250	38.98	ng		97
35) Caprolactam	10.34	113	138710m	43.96	ng		
36) 4-Chloro-3-methylphenol	10.52	107	522906	42.78	ng		89
37) 2-Methylnaphthalene	10.62	142	981187	38.83	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	460965	37.82	ng		99
40) Hexachlorocyclopentadiene	10.86	237	95018	26.16	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	279395	39.71	ng		94
43) 2,4,5-Trichlorophenol	11.22	196	267208	37.30	ng	#	90
45) 1,1'-Biphenyl	11.38	154	1236044	38.56	ng		97
46) 2-Chloronaphthalene	11.40	162	933569	38.06	ng		94
47) 2-Nitroaniline	11.63	65	375810	42.53	ng	#	76
48) Acenaphthylene	12.06	152	1420294	36.58	ng		99
49) Dimethylphthalate	11.95	163	1156046	37.90	ng		100
50) 2,6-Dinitrotoluene	12.06	165	240822	39.18	ng	#	68
51) Acenaphthene	12.34	154	907179	38.01	ng		99
52) 3-Nitroaniline	12.33	138	258400	40.97	ng		97
53) 2,4-Dinitrophenol	12.54	184	128962	44.19	ng	#	80
54) Dibenzofuran	12.63	168	1242839	38.46	ng		96
55) 4-Nitrophenol	12.75	139	129222	42.95	ng	#	58
56) 2,4-Dinitrotoluene	12.72	165	353297	43.01	ng		94
57) Fluorene	13.18	166	1038720	37.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	207920	37.73	ng		97
59) Diethylphthalate	13.10	149	1136335	38.32	ng		99
60) 4-Chlorophenyl-phenylether	13.20	204	498435	36.48	ng		99
61) 4-Nitroaniline	13.34	138	263303	44.72	ng	#	62
62) Azobenzene	13.46	77	1286556	41.82	ng		87
64) 4,6-Dinitro-2-methylphenol	13.39	198	183244	39.97	ng	#	75
65) n-Nitrosodiphenylamine	13.43	169	887391	38.06	ng		99
66) 4-Bromophenyl-phenylether	13.99	248	301940	38.28	ng		93
67) Hexachlorobenzene	14.06	284	313281	37.97	ng	#	64
68) Atrazine	14.34	200	147122	19.79	ng		94
69) Pentachlorophenol	14.43	266	76617	33.75	ng		97
70) Phenanthrene	14.73	178	1521538	38.10	ng		100
71) Anthracene	14.81	178	1513592	37.51	ng		100
72) Carbazole	15.11	167	1333606	38.75	ng		98
73) Di-n-butylphthalate	15.68	149	1665363	37.42	ng	#	98
74) Fluoranthene	16.49	202	1524713	38.07	ng		98
76) Benzidine	16.73	184	427826	31.55	ng		96
77) Pyrene	16.80	202	1511587	39.85	ng		100
79) Butylbenzylphthalate	17.71	149	716830	42.62	ng		92
80) Benzo(a)anthracene	18.39	228	1159126	38.67	ng		99
81) 3,3'-Dichlorobenzidine	18.38	252	695721	42.02	ng	#	98
82) Chrysene	18.43	228	1103873	37.11	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	888545	36.20	ng	#	95
84) Di-n-octyl phthalate	19.22	149	1333522	35.63	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.28	276	945083	39.63	ng		94
87) Benzo(b)fluoranthene	19.67	252	864250m	35.41	ng		
88) Benzo(k)fluoranthene	19.69	252	967791m	46.06	ng		
89) Benzo(a)pyrene	20.02	252	856118	40.55	ng	#	96
90) Dibenzo(a,h)anthracene	21.28	278	789698	43.86	ng	#	94
91) Benzo(g,h,i)perylene	21.62	276	784080	44.13	ng		95

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

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