Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092273.D
Acq On : 14 Jan 2017 9:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/16/2017 8:39:34 AM

Quant Time: Jan 16 03:32:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	259810	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	1110619	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	414229	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	546009	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	419751	20.00	ng		-0.01
86) Perylene-d12	15.07	264	460600	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1337381	85.95	ng		0.00
7) Phenol-d6	6.26	99	1525911	80.32	ng		0.00
23) Nitrobenzene-d5	7.16	82	1374069	68.80	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	220160	64.22	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	1998321	101.32	ng		0.00
78) Terphenyl-d14	12.68	244	1396167	80.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	322750	42.13	ng		98
3) Pyridine	2.62	79	981096	36.70	ng		99
4) n-Nitrosodimethylamine	2.60	42	359983	35.69	ng		99
6) Aniline	6.24	93	974728	39.50	ng	#	48
8) 2-Chlorophenol	6.37	128	708727	40.04	ng		94
9) Benzaldehyde	6.12	77	452075	42.78	ng		96
10) Phenol	6.27	94	968158	44.72	ng	#	66
11) bis(2-Chloroethyl)ether	6.32	93	688340	39.96	ng		99
12) 1,3-Dichlorobenzene	6.52	146	781585	41.37	ng		96
13) 1,4-Dichlorobenzene	6.60	146	763873m	39.72	ng		
14) 1,2-Dichlorobenzene	6.75	146	599818	35.94	ng		97
15) Benzyl Alcohol	6.75	79	554799	37.59	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.87	45	981591	38.27	ng	#	32
17) 2-Methylphenol	6.87	107	537810	37.78	ng	#	91
18) Hexachloroethane	7.09	117	252172	35.37	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	490479	38.81	ng	#	85
20) 3+4-Methylphenols	7.03	107	732303	43.13	ng	#	71
22) Acetophenone	7.00	105	1013681	37.00	ng	#	94
24) Nitrobenzene	7.17	77	677988	31.87	ng		98
25) Isophorone	7.42	82	1248877	33.89	ng		99
26) 2-Nitrophenol	7.49	139	335670	32.00	ng		97
27) 2,4-Dimethylphenol	7.55	122	493663	28.37	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	730820	32.71	ng		99
29) 2,4-Dichlorophenol	7.74	162	441095	29.94	ng		88
30) 1,2,4-Trichlorobenzene	7.81	180	510008	31.59	ng	#	94
31) Naphthalene	7.89	128	1983862	39.03	ng		100
32) Benzoic acid	7.71	122	211946	16.42	ng		99
33) 4-Chloroaniline	7.95	127	788764	34.41	ng		98
34) Hexachlorobutadiene	8.02	225	327587	38.44	ng		98
35) Caprolactam	8.35	113	163304	33.73	ng	#	73
36) 4-Chloro-3-methylphenol	8.45	107	517446	30.52	ng		96
37) 2-Methylnaphthalene	8.58	142	1024072	29.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	434875	41.55	ng		99
40) Hexachlorocyclopentadiene	8.74	237	36792	11.48	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	283336	38.71	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	286687	38.06	ng		95
45) 1,1'-Biphenyl	9.04	154	1103031	38.89	ng		97
46) 2-Chloronaphthalene	9.07	162	882185	39.28	ng		96
47) 2-Nitroaniline	9.17	65	286659	35.84	ng		98
48) Acenaphthylene	9.48	152	1371173	39.69	ng		99
49) Dimethylphthalate	9.35	163	1092919	41.25	ng		98
50) 2,6-Dinitrotoluene	9.42	165	227280	39.19	ng	#	84
51) Acenaphthene	9.65	154	837163	35.75	ng		99
52) 3-Nitroaniline	9.59	138	312419	43.54	ng		81
53) 2,4-Dinitrophenol	9.71	184	34927	10.82	ng	#	81
54) Dibenzofuran	9.82	168	1167077	36.90	ng		97
55) 4-Nitrophenol	9.79	139	117849m	24.19	ng		
56) 2,4-Dinitrotoluene	9.82	165	236567	32.50	ng	#	72
57) Fluorene	10.16	166	930145	40.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	202964	34.07	ng		96
59) Diethylphthalate	10.05	149	940212	36.54	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	386621	38.37	ng		99
61) 4-Nitroaniline	10.20	138	234376	31.52	ng		97
62) Azobenzene	10.31	77	995201	35.13	ng		98
64) 4,6-Dinitro-2-methylphenol	10.23	198	50709	15.36	ng	#	48
65) n-Nitrosodiphenylamine	10.28	169	709256	43.78	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	259913	45.76	ng	#	89
67) Hexachlorobenzene	10.71	284	254364	41.90	ng	#	86
68) Atrazine	10.82	200	215717	41.28	ng		97
69) Pentachlorophenol	10.92	266	121987	40.95	ng		99
70) Phenanthrene	11.11	178	1074900	36.31	ng		98
71) Anthracene	11.17	178	1206989	46.51	ng		97
72) Carbazole	11.33	167	1079384	43.71	ng		98
73) Di-n-butylphthalate	11.67	149	1512567	54.81	ng	#	96
74) Fluoranthene	12.29	202	1089545	41.66	ng		98
76) Benzidine	12.43	184	494737	46.71	ng		97
77) Pyrene	12.52	202	1049656	34.08	ng		99
79) Butylbenzylphthalate	13.16	149	564809	40.32	ng	#	75
80) Benzo(a)anthracene	13.71	228	1027335	43.36	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	402207	44.77	ng		99
82) Chrysene	13.74	228	896486	37.72	ng		98
83) Bis(2-ethylhexyl)phthalate	13.72	149	750676	45.51	ng	#	98
84) Di-n-octyl phthalate	14.33	149	1351795	44.24	ng		100
85) Indeno(1,2,3-cd)pyrene	16.31	276	858176	41.68	ng		98
87) Benzo(b)fluoranthene	14.71	252	1267990m	44.22	ng		
88) Benzo(k)fluoranthene	14.74	252	764570m	31.27	ng		
89) Benzo(a)pyrene	15.02	252	983897	38.66	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	731926	34.99	ng		98
91) Benzo(g,h,i)perylene	16.68	276	694378	31.92	ng		98

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

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