Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092109.D
Acq On : 6 Jan 2017 11:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:13 AM

Quant Time: Jan 06 15:37:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	218997	20.00	ng		-0.06
21) Naphthalene-d8	7.93	136	746699	20.00	ng		-0.06
38) Acenaphthene-d10	9.68	164	393647	20.00	ng		-0.07
63) Phenanthrene-d10	11.16	188	628315	20.00	ng		-0.07
75) Chrysene-d12	13.79	240	398668	20.00	ng		-0.09
86) Perylene-d12	15.15	264	334301	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	866491	66.07	ng		-0.09
7) Phenol-d6	6.31	99	1282527	80.09	ng		-0.07
23) Nitrobenzene-d5	7.21	82	1223179	91.09	ng		-0.07
41) 2,4,6-Tribromophenol	10.47	330	268432	82.40	ng		-0.07
44) 2-Fluorobiphenyl	9.01	172	1670208	87.28	ng		-0.07
78) Terphenyl-d14	12.74	244	1597830	97.20	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	258338	40.01	ng		99
3) Pyridine	2.73	79	848421	37.65	ng		97
4) n-Nitrosodimethylamine	2.69	42	306148	36.01	ng		99
6) Aniline	6.31	93	832660	40.03	ng	#	55
8) 2-Chlorophenol	6.44	128	614791	41.21	ng		88
9) Benzaldehyde	6.18	77	381951	42.94	ng		97
10) Phenol	6.32	94	849353	46.55	ng	#	71
11) bis(2-Chloroethyl)ether	6.39	93	651491	44.87	ng		95
12) 1,3-Dichlorobenzene	6.58	146	644855	40.49	ng		97
13) 1,4-Dichlorobenzene	6.66	146	644264	39.74	ng		93
14) 1,2-Dichlorobenzene	6.81	146	587268	41.75	ng		99
15) Benzyl Alcohol	6.80	79	472192	37.95	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	904546	41.84	ng		89
17) 2-Methylphenol	6.93	107	486024	40.51	ng		94
18) Hexachloroethane	7.16	117	241682	40.21	ng		97
19) n-Nitroso-di-n-propylamine	7.08	70	460699	43.25	ng		94
20) 3+4-Methylphenols	7.09	107	672571	47.00	ng	#	72
22) Acetophenone	7.06	105	887596	48.19	ng	#	93
24) Nitrobenzene	7.24	77	678605	47.45	ng		96
25) Isophorone	7.48	82	956226	38.60	ng		96
26) 2-Nitrophenol	7.56	139	326139	46.24	ng	#	82
27) 2,4-Dimethylphenol	7.61	122	437483	37.40	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	550997	36.68	ng		99
29) 2,4-Dichlorophenol	7.81	162	402573	40.64	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	425479	39.20	ng		95
31) Naphthalene	7.96	128	1475399	43.17	ng		99
32) Benzoic acid	7.75	122	390167	44.97	ng		97
33) 4-Chloroaniline	8.01	127	627493	40.72	ng		99
34) Hexachlorobutadiene	8.08	225	234237	40.88	ng		97
35) Caprolactam	8.39	113	121797	37.42	ng	#	62
36) 4-Chloro-3-methylphenol	8.50	107	444602	39.01	ng		92
37) 2-Methylnaphthalene	8.64	142	870806	40.61	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	423439	42.58	ng		99
40) Hexachlorocyclopentadiene	8.80	237	145548	35.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	261574	37.61	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	287645	40.19	ng		97
45) 1,1'-Biphenyl	9.11	154	1196822	44.40	ng		99
46) 2-Chloronaphthalene	9.13	162	895642	41.96	ng		99
47) 2-Nitroaniline	9.24	65	316794	41.68	ng		96
48) Acenaphthylene	9.54	152	1385259	42.20	ng		99
49) Dimethylphthalate	9.42	163	955996	37.97	ng		99
50) 2,6-Dinitrotoluene	9.48	165	203431	36.92	ng	#	62
51) Acenaphthene	9.72	154	897979	40.35	ng		99
52) 3-Nitroaniline	9.65	138	256253	37.58	ng		99
53) 2,4-Dinitrophenol	9.76	184	106584	34.76	ng		97
54) Dibenzofuran	9.89	168	1185930	39.46	ng		97
55) 4-Nitrophenol	9.83	139	184546	39.85	ng		95
56) 2,4-Dinitrotoluene	9.89	165	269800	39.01	ng		91
57) Fluorene	10.23	166	950119	43.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	243593	43.03	ng		96
59) Diethylphthalate	10.12	149	1015026	41.51	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	375035	39.17	ng		98
61) 4-Nitroaniline	10.26	138	306000	43.30	ng		93
62) Azobenzene	10.38	77	1049687	38.99	ng		99
64) 4,6-Dinitro-2-methylphenol	10.29	198	151389	39.85	ng	#	45
65) n-Nitrosodiphenylamine	10.34	169	766577	41.12	ng		98
66) 4-Bromophenyl-phenylether	10.71	248	279419	42.75	ng		92
67) Hexachlorobenzene	10.77	284	276666	39.60	ng	#	75
68) Atrazine	10.88	200	246842	41.04	ng		94
69) Pentachlorophenol	10.97	266	141939	41.41	ng		98
70) Phenanthrene	11.18	178	1285085	37.72	ng		98
71) Anthracene	11.24	178	1485463	51.88	ng		98
72) Carbazole	11.40	167	1295075	47.17	ng		98
73) Di-n-butylphthalate	11.73	149	1504144	46.75	ng		99
74) Fluoranthene	12.37	202	1410462	47.39	ng		91
76) Benzidine	12.49	184	504628	51.35	ng		98
77) Pyrene	12.58	202	1324371	45.28	ng		99
79) Butylbenzylphthalate	13.22	149	602133	45.26	ng	#	82
80) Benzo(a)anthracene	13.77	228	992164	44.09	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	357551	41.90	ng	#	93
82) Chrysene	13.81	228	911479	40.38	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	699856	44.67	ng	#	99
84) Di-n-octyl phthalate	14.39	149	1085666	37.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	843139	43.12	ng		99
87) Benzo(b)fluoranthene	14.78	252	874776m	42.03	ng		
88) Benzo(k)fluoranthene	14.80	252	721985m	40.68	ng		
89) Benzo(a)pyrene	15.10	252	776027	42.01	ng		97
90) Dibenzo(a,h)anthracene	16.44	278	711204	46.84	ng		95
91) Benzo(g,h,i)perylene	16.80	276	744977	47.18	ng		97

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

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