Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094118.D
Acq On : 3 Apr 2017 13:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:51 PM

Quant Time: Apr 04 01:22:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	216688	20.00	ng		-0.01
21) Naphthalene-d8	7.40	136	887001	20.00	ng		-0.01
38) Acenaphthene-d10	9.54	164	417437	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	744337	20.00	ng		-0.01
75) Chrysene-d12	14.62	240	600618	20.00	ng		0.00
86) Perylene-d12	16.24	264	515307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	988412	77.04	ng		-0.01
7) Phenol-d6	5.50	99	1215243	76.57	ng		0.00
23) Nitrobenzene-d5	6.55	82	1246734	80.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	281497	85.34	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	2137127	78.09	ng		-0.01
78) Terphenyl-d14	13.34	244	2129215	79.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	234970	38.12	ng		97
3) Pyridine	2.73	79	656618	39.09	ng		99
4) n-Nitrosodimethylamine	2.70	42	265018	38.34	ng		90
6) Aniline	5.52	93	777932	35.24	ng	#	45
8) 2-Chlorophenol	5.66	128	562520	39.89	ng		96
9) Benzaldehyde	5.39	77	370407	34.56	ng		99
10) Phenol	5.52	94	678714	37.58	ng	#	69
11) bis(2-Chloroethyl)ether	5.60	93	564755	40.01	ng		99
12) 1,3-Dichlorobenzene	5.83	146	632112	39.96	ng		99
13) 1,4-Dichlorobenzene	5.91	146	642345	40.09	ng		96
14) 1,2-Dichlorobenzene	6.09	146	587825	39.84	ng		98
15) Benzyl Alcohol	6.06	79	438032	37.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.22	45	795744	36.59	ng		82
17) 2-Methylphenol	6.20	107	475136	39.34	ng		96
18) Hexachloroethane	6.48	117	230427	40.92	ng	#	86
19) n-Nitroso-di-n-propylamine	6.38	70	397101	38.93	ng		97
20) 3+4-Methylphenols	6.39	107	603525	41.26	ng	#	63
22) Acetophenone	6.37	105	817042	41.33	ng	#	87
24) Nitrobenzene	6.57	77	608105	39.67	ng		93
25) Isophorone	6.86	82	1084769	39.72	ng		95
26) 2-Nitrophenol	6.94	139	321522	43.98	ng		96
27) 2,4-Dimethylphenol	7.01	122	501355	39.80	ng		98
28) bis(2-Chloroethoxy)methane	7.12	93	718685	39.90	ng		99
29) 2,4-Dichlorophenol	7.24	162	486508	41.31	ng		99
30) 1,2,4-Trichlorobenzene	7.33	180	490678	40.45	ng		99
31) Naphthalene	7.42	128	1680471	39.40	ng		100
32) Benzoic acid	7.18	122	271745	32.41	ng		98
33) 4-Chloroaniline	7.49	127	686325	39.70	ng		94
34) Hexachlorobutadiene	7.58	225	255285	41.04	ng		99
35) Caprolactam	7.95	113	160287m	42.68	ng		
36) 4-Chloro-3-methylphenol	8.11	107	513144	41.70	ng		88
37) 2-Methylnaphthalene	8.26	142	1150709	40.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.47	216	456340	39.96	ng		100
40) Hexachlorocyclopentadiene	8.46	237	213151	39.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.62	196	322814	39.96	ng		98
43) 2,4,5-Trichlorophenol	8.67	196	348367	39.85	ng		96
45) 1,1'-Biphenyl	8.84	154	1297604	38.54	ng		98
46) 2-Chloronaphthalene	8.86	162	1027841	39.00	ng		96
47) 2-Nitroaniline	8.99	65	322664	41.27	ng		90
48) Acenaphthylene	9.37	152	1676826	38.28	ng		99
49) Dimethylphthalate	9.23	163	1208404	40.72	ng		100
50) 2,6-Dinitrotoluene	9.30	165	284068	41.76	ng		91
51) Acenaphthene	9.58	154	981222	38.39	ng		100
52) 3-Nitroaniline	9.50	138	328808	41.17	ng		91
53) 2,4-Dinitrophenol	9.63	184	146882	42.66	ng	#	74
54) Dibenzofuran	9.79	168	1317406	37.86	ng		98
55) 4-Nitrophenol	9.74	139	231728	37.05	ng	#	73
56) 2,4-Dinitrotoluene	9.79	165	337698	39.52	ng	#	69
57) Fluorene	10.22	166	1073486	37.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	237297	39.56	ng		99
59) Diethylphthalate	10.10	149	1191465	40.63	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	462656	37.64	ng		93
61) 4-Nitroaniline	10.26	138	335589	43.78	ng		95
62) Azobenzene	10.42	77	1069695	38.56	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	205396	45.06	ng	#	70
65) n-Nitrosodiphenylamine	10.37	169	1005750	39.07	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	296901	40.56	ng		98
67) Hexachlorobenzene	10.89	284	304583	41.10	ng	#	88
68) Atrazine	11.05	200	318445	41.30	ng		96
69) Pentachlorophenol	11.14	266	149517	32.42	ng		97
70) Phenanthrene	11.40	178	1605939	38.79	ng		99
71) Anthracene	11.46	178	1662528	39.00	ng		99
72) Carbazole	11.66	167	1706709	39.04	ng		99
73) Di-n-butylphthalate	12.11	149	1872127	41.18	ng		99
74) Fluoranthene	12.86	202	1684102	39.72	ng		99
76) Benzidine	13.03	184	864526	36.37	ng		95
77) Pyrene	13.14	202	1719149	39.44	ng		100
79) Butylbenzylphthalate	13.95	149	808422	43.53	ng	#	83
80) Benzo(a)anthracene	14.61	228	1406181	40.15	ng		99
81) 3,3'-Dichlorobenzidine	14.59	252	525573	41.98	ng	#	95
82) Chrysene	14.66	228	1269607	39.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.67	149	1047379	41.34	ng	#	99
84) Di-n-octyl phthalate	15.42	149	1822617	43.06	ng		98
85) Indeno(1,2,3-cd)pyrene	17.60	276	1151171	40.90	ng		100
87) Benzo(b)fluoranthene	15.84	252	1289885	40.84	ng		99
88) Benzo(k)fluoranthene	15.87	252	1188743	38.46	ng		96
89) Benzo(a)pyrene	16.19	252	1180773	40.59	ng		98
90) Dibenzo(a,h)anthracene	17.62	278	972627	39.48	ng		97
91) Benzo(g,h,i)perylene	18.00	276	966479	38.93	ng		96

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

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