Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094389.D
Acq On : 13 Apr 2017 14:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/14/2017 1:37:15 PM

Quant Time: Apr 14 06:33:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	155382	20.00	ng		-0.04
21) Naphthalene-d8	7.29	136	632556	20.00	ng		-0.04
38) Acenaphthene-d10	9.43	164	290224	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	521461	20.00	ng		-0.04
75) Chrysene-d12	14.50	240	424128	20.00	ng		-0.05
86) Perylene-d12	16.12	264	350262	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	701593	76.26	ng		-0.04
7) Phenol-d6	5.42	99	841556	73.95	ng		-0.04
23) Nitrobenzene-d5	6.45	82	879479	79.35	ng		-0.04
41) 2,4,6-Tribromophenol	10.40	330	183687	80.09	ng		-0.04
44) 2-Fluorobiphenyl	8.62	172	1573403	82.69	ng		-0.04
78) Terphenyl-d14	13.23	244	1521954	80.43	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	160182	36.24	ng		96
3) Pyridine	2.61	79	438953	36.44	ng		98
4) n-Nitrosodimethylamine	2.59	42	181979	36.72	ng		90
6) Aniline	5.42	93	570856	36.06	ng		95
8) 2-Chlorophenol	5.56	128	400789	39.64	ng		95
9) Benzaldehyde	5.29	77	255063	33.19	ng		96
10) Phenol	5.43	94	508150	39.24	ng		94
11) bis(2-Chloroethyl)ether	5.50	93	393146	38.85	ng		98
12) 1,3-Dichlorobenzene	5.72	146	452820	39.92	ng		99
13) 1,4-Dichlorobenzene	5.81	146	458901	39.95	ng		96
14) 1,2-Dichlorobenzene	5.99	146	422622	39.95	ng		95
15) Benzyl Alcohol	5.97	79	304898	36.60	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	521099	33.41	ng	#	11
17) 2-Methylphenol	6.12	107	329754	38.08	ng	#	89
18) Hexachloroethane	6.37	117	162775	40.31	ng	#	85
19) n-Nitroso-di-n-propylamine	6.28	70	293358	40.11	ng		96
20) 3+4-Methylphenols	6.30	107	457278	43.60	ng	#	62
22) Acetophenone	6.27	105	583041	41.36	ng	#	85
24) Nitrobenzene	6.46	77	427789	39.13	ng		95
25) Isophorone	6.75	82	748155	38.41	ng		96
26) 2-Nitrophenol	6.84	139	229588	44.04	ng		98
27) 2,4-Dimethylphenol	6.92	122	350723	39.04	ng		99
28) bis(2-Chloroethoxy)methane	7.02	93	491402	38.26	ng		100
29) 2,4-Dichlorophenol	7.15	162	345857	41.18	ng		98
30) 1,2,4-Trichlorobenzene	7.23	180	356748	41.24	ng		99
31) Naphthalene	7.32	128	1205224	39.63	ng		99
32) Benzoic acid	7.09	122	197620m	33.05	ng		
33) 4-Chloroaniline	7.39	127	482598	39.15	ng		94
34) Hexachlorobutadiene	7.47	225	184830	41.66	ng		97
35) Caprolactam	7.84	113	110530m	41.27	ng		
36) 4-Chloro-3-methylphenol	8.02	107	354924	40.44	ng		91
37) 2-Methylnaphthalene	8.16	142	821349	40.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.37	216	328204	41.34	ng		100
40) Hexachlorocyclopentadiene	8.35	237	137764	37.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	219827	39.14	ng		97
43) 2,4,5-Trichlorophenol	8.57	196	233867	38.48	ng		96
45) 1,1'-Biphenyl	8.73	154	936350	40.00	ng		97
46) 2-Chloronaphthalene	8.75	162	726243	39.63	ng		94
47) 2-Nitroaniline	8.89	65	215724	39.68	ng	#	81
48) Acenaphthylene	9.26	152	1187756	39.00	ng		99
49) Dimethylphthalate	9.13	163	845283	40.97	ng		99
50) 2,6-Dinitrotoluene	9.19	165	198829	42.04	ng		91
51) Acenaphthene	9.47	154	699706	39.37	ng		99
52) 3-Nitroaniline	9.40	138	222825	40.12	ng		90
53) 2,4-Dinitrophenol	9.53	184	84256	36.02	ng	#	68
54) Dibenzofuran	9.69	168	932913	38.57	ng		100
55) 4-Nitrophenol	9.66	139	159231m	36.61	ng		
56) 2,4-Dinitrotoluene	9.69	165	236628	39.83	ng	#	69
57) Fluorene	10.10	166	789229	39.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	155483	37.28	ng		98
59) Diethylphthalate	9.99	149	820066	40.22	ng		100
60) 4-Chlorophenyl-phenylether	10.11	204	338266	39.58	ng		95
61) 4-Nitroaniline	10.15	138	228759	42.93	ng		95
62) Azobenzene	10.31	77	733225	38.01	ng		95
64) 4,6-Dinitro-2-methylphenol	10.19	198	136101	42.62	ng	#	71
65) n-Nitrosodiphenylamine	10.26	169	710539	39.40	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	209821	40.91	ng		98
67) Hexachlorobenzene	10.78	284	210057	40.46	ng	#	84
68) Atrazine	10.94	200	216647	40.11	ng		96
69) Pentachlorophenol	11.03	266	114854	35.54	ng		99
70) Phenanthrene	11.28	178	1133954	39.09	ng		98
71) Anthracene	11.35	178	1171089	39.21	ng		99
72) Carbazole	11.56	167	1180058	38.53	ng		98
73) Di-n-butylphthalate	12.00	149	1283898	40.31	ng		99
74) Fluoranthene	12.74	202	1178019	39.66	ng		97
76) Benzidine	12.92	184	565770	33.70	ng	#	94
77) Pyrene	13.02	202	1200211	38.99	ng		100
79) Butylbenzylphthalate	13.84	149	540635	41.22	ng		89
80) Benzo(a)anthracene	14.49	228	976297	39.47	ng		98
81) 3,3'-Dichlorobenzidine	14.47	252	355914	40.26	ng	#	96
82) Chrysene	14.53	228	919027	40.04	ng		100
83) Bis(2-ethylhexyl)phthalate	14.55	149	745023	41.64	ng	#	99
84) Di-n-octyl phthalate	15.30	149	1248413	41.76	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	765109	38.49	ng		99
87) Benzo(b)fluoranthene	15.72	252	860968	40.10	ng		99
88) Benzo(k)fluoranthene	15.75	252	853182	40.61	ng		96
89) Benzo(a)pyrene	16.06	252	798409	40.38	ng		99
90) Dibenzo(a,h)anthracene	17.43	278	647821	38.69	ng		99
91) Benzo(g,h,i)perylene	17.79	276	643123	38.11	ng		96

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

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