Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094414.D
Acq On : 14 Apr 2017 3:08
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/14/2017 1:36:38 PM

Quant Time: Apr 14 07:43:09 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	174656	20.00	ng		-0.04
21) Naphthalene-d8	7.29	136	663254	20.00	ng		-0.04
38) Acenaphthene-d10	9.43	164	278959	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	424242	20.00	ng		-0.04
75) Chrysene-d12	14.50	240	311294	20.00	ng		-0.05
86) Perylene-d12	16.12	264	252391	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	782764	75.70	ng		-0.04
7) Phenol-d6	5.42	99	914914	71.52	ng		-0.04
23) Nitrobenzene-d5	6.45	82	930275	80.04	ng		-0.04
41) 2,4,6-Tribromophenol	10.40	330	147127	66.74	ng		-0.04
44) 2-Fluorobiphenyl	8.62	172	1545024	84.48	ng		-0.04
78) Terphenyl-d14	13.23	244	1159138	83.46	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	185552	37.35	ng		95
3) Pyridine	2.59	79	510258	37.69	ng		99
4) n-Nitrosodimethylamine	2.56	42	205557	36.90	ng		94
6) Aniline	5.42	93	619745	34.83	ng		95
8) 2-Chlorophenol	5.56	128	436498	38.40	ng		95
9) Benzaldehyde	5.28	77	289573	33.52	ng		98
10) Phenol	5.44	94	551400	37.88	ng		87
11) bis(2-Chloroethyl)ether	5.50	93	429831	37.78	ng		98
12) 1,3-Dichlorobenzene	5.72	146	498182	39.07	ng		99
13) 1,4-Dichlorobenzene	5.81	146	503912	39.02	ng		97
14) 1,2-Dichlorobenzene	5.99	146	455881	38.34	ng		96
15) Benzyl Alcohol	5.97	79	310050	33.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.12	45	582045	33.20	ng	#	18
17) 2-Methylphenol	6.12	107	351877	36.15	ng	#	89
18) Hexachloroethane	6.37	117	151232	33.32	ng	#	86
19) n-Nitroso-di-n-propylamine	6.28	70	319001	38.80	ng		98
20) 3+4-Methylphenols	6.30	107	491849	41.72	ng	#	63
22) Acetophenone	6.27	105	626003	42.35	ng	#	85
24) Nitrobenzene	6.47	77	448189	39.10	ng		91
25) Isophorone	6.75	82	788107	38.59	ng		96
26) 2-Nitrophenol	6.84	139	201585	36.88	ng		98
27) 2,4-Dimethylphenol	6.92	122	363049	38.55	ng		97
28) bis(2-Chloroethoxy)methane	7.02	93	530916	39.42	ng		98
29) 2,4-Dichlorophenol	7.15	162	343014	38.95	ng		98
30) 1,2,4-Trichlorobenzene	7.23	180	368905	40.67	ng		99
31) Naphthalene	7.32	128	1250525	39.21	ng		100
32) Benzoic acid	7.08	122	152408m	24.31	ng		
33) 4-Chloroaniline	7.39	127	502423	38.87	ng		94
34) Hexachlorobutadiene	7.47	225	191031	41.07	ng		98
35) Caprolactam	7.85	113	107543m	38.29	ng		
36) 4-Chloro-3-methylphenol	8.02	107	346717	37.68	ng		92
37) 2-Methylnaphthalene	8.16	142	821427	38.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.37	216	331329	43.42	ng		99
40) Hexachlorocyclopentadiene	8.35	237	27271	7.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	208213	38.56	ng		96
43) 2,4,5-Trichlorophenol	8.58	196	219677	37.60	ng	#	93
45) 1,1'-Biphenyl	8.73	154	923072	41.02	ng		97
46) 2-Chloronaphthalene	8.76	162	714905	40.59	ng		96
47) 2-Nitroaniline	8.89	65	216865	41.51	ng	#	86
48) Acenaphthylene	9.26	152	1119244	38.24	ng		99
49) Dimethylphthalate	9.13	163	832312	41.97	ng		99
50) 2,6-Dinitrotoluene	9.19	165	174932	38.48	ng		91
51) Acenaphthene	9.47	154	654704	38.33	ng		100
52) 3-Nitroaniline	9.40	138	217279	40.71	ng		90
53) 2,4-Dinitrophenol	9.53	184	6287m	7.10	ng		
54) Dibenzofuran	9.69	168	871223	37.47	ng		100
55) 4-Nitrophenol	9.66	139	95763	22.91	ng	#	78
56) 2,4-Dinitrotoluene	9.69	165	192990	33.80	ng	#	69
57) Fluorene	10.10	166	708387	36.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	127460	31.80	ng		97
59) Diethylphthalate	9.99	149	784168	40.01	ng		99
60) 4-Chlorophenyl-phenylether	10.11	204	320434	39.01	ng		94
61) 4-Nitroaniline	10.15	138	196571	38.38	ng		98
62) Azobenzene	10.31	77	677122	36.52	ng		93
64) 4,6-Dinitro-2-methylphenol	10.19	198	18503	7.12	ng	#	80
65) n-Nitrosodiphenylamine	10.26	169	647714	44.15	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	186032	44.59	ng		99
67) Hexachlorobenzene	10.78	284	173277	41.02	ng	#	85
68) Atrazine	10.94	200	168679	38.39	ng		97
69) Pentachlorophenol	11.03	266	74771	28.44	ng		100
70) Phenanthrene	11.28	178	933770	39.57	ng		98
71) Anthracene	11.34	178	955735	39.33	ng		98
72) Carbazole	11.55	167	938190	37.65	ng		98
73) Di-n-butylphthalate	12.00	149	1133912	43.76	ng		99
74) Fluoranthene	12.74	202	874307	36.18	ng		99
76) Benzidine	12.92	184	441518	35.84	ng		95
77) Pyrene	13.02	202	879736	38.94	ng		99
79) Butylbenzylphthalate	13.84	149	421488	43.79	ng		90
80) Benzo(a)anthracene	14.49	228	714091	39.34	ng		100
81) 3,3'-Dichlorobenzidine	14.47	252	282245	43.50	ng	#	95
82) Chrysene	14.53	228	686035	40.73	ng		99
83) Bis(2-ethylhexyl)phthalate	14.55	149	603127	45.93	ng		99
84) Di-n-octyl phthalate	15.31	149	981279	44.73	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	549659	37.68	ng		99
87) Benzo(b)fluoranthene	15.72	252	687296	44.43	ng		98
88) Benzo(k)fluoranthene	15.75	252	579391m	38.28	ng		
89) Benzo(a)pyrene	16.07	252	576311	40.45	ng		99
90) Dibenzo(a,h)anthracene	17.43	278	470442	38.99	ng		98
91) Benzo(g,h,i)perylene	17.79	276	457762	37.65	ng		99

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

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