Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012117\
Data File : BF092407.D
Acq On : 21 Jan 2017 12:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/23/2017 2:45:58 PM

Quant Time: Jan 23 01:00:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 23 00:54:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	148746	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	645355	20.00	ng		0.00
38) Acenaphthene-d10	9.56	164	334885	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	572734	20.00	ng		0.00
75) Chrysene-d12	13.66	240	426049	20.00	ng		0.00
86) Perylene-d12	15.01	264	408054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	576022	64.66	ng		0.00
7) Phenol-d6	6.20	99	958680	88.14	ng		0.00
23) Nitrobenzene-d5	7.10	82	884000	76.17	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	235474	84.96	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	1399299	85.72	ng		-0.01
78) Terphenyl-d14	12.61	244	1412797	80.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	193550	44.13	ng		98
3) Pyridine	2.49	79	354638	23.17	ng		99
4) n-Nitrosodimethylamine	2.45	42	140805	24.39	ng		88
6) Aniline	6.17	93	627164	44.40	ng	#	44
8) 2-Chlorophenol	6.31	128	436072	43.03	ng		89
9) Benzaldehyde	6.06	77	256461	42.14	ng		96
10) Phenol	6.21	94	605895	48.89	ng	#	67
11) bis(2-Chloroethyl)ether	6.26	93	426022	43.20	ng		92
12) 1,3-Dichlorobenzene	6.45	146	451278m	41.72	ng		
13) 1,4-Dichlorobenzene	6.53	146	464027	42.14	ng		98
14) 1,2-Dichlorobenzene	6.69	146	395790	41.43	ng		95
15) Benzyl Alcohol	6.69	79	373525	44.20	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.80	45	619321	42.17	ng		99
17) 2-Methylphenol	6.81	107	350454	43.00	ng	#	92
18) Hexachloroethane	7.02	117	164497	40.30	ng		90
19) n-Nitroso-di-n-propylamine	6.95	70	295103	40.78	ng		98
20) 3+4-Methylphenols	6.97	107	464820	47.82	ng	#	70
22) Acetophenone	6.94	105	634000	39.83	ng	#	92
24) Nitrobenzene	7.11	77	480796	38.90	ng		96
25) Isophorone	7.36	82	828463	38.69	ng		98
26) 2-Nitrophenol	7.43	139	241448	39.61	ng		94
27) 2,4-Dimethylphenol	7.50	122	354075	35.02	ng		91
28) bis(2-Chloroethoxy)methane	7.58	93	493466	38.00	ng		99
29) 2,4-Dichlorophenol	7.69	162	338327	39.52	ng		97
30) 1,2,4-Trichlorobenzene	7.75	180	364874	38.89	ng		96
31) Naphthalene	7.83	128	1194947	40.46	ng		98
32) Benzoic acid	7.66	122	230132	30.69	ng		98
33) 4-Chloroaniline	7.89	127	525968	39.49	ng		97
34) Hexachlorobutadiene	7.94	225	194948	39.37	ng		100
35) Caprolactam	8.28	113	115037	40.89	ng	#	76
36) 4-Chloro-3-methylphenol	8.40	107	392267	39.82	ng		97
37) 2-Methylnaphthalene	8.52	142	774596	42.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	347143	41.03	ng		99
40) Hexachlorocyclopentadiene	8.66	237	122430	34.85	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	225896	38.18	ng		96
43) 2,4,5-Trichlorophenol	8.86	196	223923	36.77	ng		97
45) 1,1'-Biphenyl	8.98	154	998008	43.52	ng		99
46) 2-Chloronaphthalene	9.01	162	767565	42.27	ng		98
47) 2-Nitroaniline	9.12	65	257400	39.81	ng	#	62
48) Acenaphthylene	9.41	152	1111957	39.82	ng		98
49) Dimethylphthalate	9.29	163	862179	40.25	ng		99
50) 2,6-Dinitrotoluene	9.36	165	208375	44.45	ng		90
51) Acenaphthene	9.59	154	748876	39.55	ng		99
52) 3-Nitroaniline	9.53	138	267030	46.03	ng		85
53) 2,4-Dinitrophenol	9.66	184	97135	37.24	ng	#	84
54) Dibenzofuran	9.76	168	984817	38.52	ng		93
55) 4-Nitrophenol	9.74	139	104481m	26.52	ng		
56) 2,4-Dinitrotoluene	9.77	165	250640	42.60	ng	#	65
57) Fluorene	10.09	166	752675	40.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.89	232	178346	37.03	ng		94
59) Diethylphthalate	9.99	149	823182	39.57	ng		100
60) 4-Chlorophenyl-phenylether	10.09	204	328042	40.27	ng		96
61) 4-Nitroaniline	10.14	138	241904	40.24	ng		96
62) Azobenzene	10.25	77	945617	41.29	ng		97
64) 4,6-Dinitro-2-methylphenol	10.18	198	127156	36.72	ng		98
65) n-Nitrosodiphenylamine	10.22	169	679596	39.99	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	237588	39.88	ng	#	76
67) Hexachlorobenzene	10.64	284	237832	37.35	ng	#	85
68) Atrazine	10.76	200	217152	39.61	ng		99
69) Pentachlorophenol	10.86	266	104618	33.48	ng		99
70) Phenanthrene	11.05	178	1245833	40.12	ng		98
71) Anthracene	11.10	178	1152630	40.44	ng		98
72) Carbazole	11.27	167	1162039	45.80	ng		98
73) Di-n-butylphthalate	11.60	149	1324752	45.02	ng		99
74) Fluoranthene	12.23	202	1177096	43.04	ng		99
76) Benzidine	12.37	184	420165	37.16	ng		97
77) Pyrene	12.46	202	1286092	41.14	ng		99
79) Butylbenzylphthalate	13.09	149	582987	41.01	ng		97
80) Benzo(a)anthracene	13.65	228	1096849	45.61	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	405094	44.42	ng	#	93
82) Chrysene	13.68	228	917803	38.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	760693	45.43	ng		98
84) Di-n-octyl phthalate	14.27	149	1314756	42.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.22	276	860902	41.19	ng		100
87) Benzo(b)fluoranthene	14.65	252	1229333m	48.39	ng		
88) Benzo(k)fluoranthene	14.68	252	708214m	32.69	ng		
89) Benzo(a)pyrene	14.95	252	891735	39.55	ng		99
90) Dibenzo(a,h)anthracene	16.22	278	726185	39.18	ng		98
91) Benzo(g,h,i)perylene	16.57	276	752854	39.07	ng		99

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

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