Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093349.D
Acq On : 3 Mar 2017 8:49
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/3/2017 5:17:06 PM

Quant Time: Mar 03 09:45:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169415	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	688043	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	354238	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	576144	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	489817	20.00	ng		-0.05
86) Perylene-d12	15.39	264	386234	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	838800	84.94	ng		-0.07
7) Phenol-d6	6.45	99	1038027	81.70	ng		-0.03
23) Nitrobenzene-d5	7.38	82	1019910	82.55	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	202796	79.15	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1388032	70.99	ng		-0.05
78) Terphenyl-d14	12.92	244	1596736	76.60	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	195379	36.62	ng	#	85
3) Pyridine	2.99	79	582516	42.93	ng		86
4) n-Nitrosodimethylamine	2.94	42	267595	42.00	ng		83
6) Aniline	6.45	93	642701	37.08	ng	#	66
8) 2-Chlorophenol	6.58	128	450541	41.36	ng		90
9) Benzaldehyde	6.34	77	323031	35.49	ng		91
10) Phenol	6.46	94	627733	42.23	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	507687	42.79	ng		96
12) 1,3-Dichlorobenzene	6.73	146	509636	39.94	ng	#	89
13) 1,4-Dichlorobenzene	6.81	146	505388	39.13	ng		99
14) 1,2-Dichlorobenzene	6.97	146	497294	40.27	ng		96
15) Benzyl Alcohol	6.96	79	356152	37.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	835125	40.51	ng		80
17) 2-Methylphenol	7.07	107	373392	39.95	ng	#	91
18) Hexachloroethane	7.31	117	176740	40.09	ng	#	86
19) n-Nitroso-di-n-propylamine	7.22	70	323375	39.98	ng		93
20) 3+4-Methylphenols	7.23	107	506506	45.33	ng	#	76
22) Acetophenone	7.22	105	651653	41.48	ng	#	96
24) Nitrobenzene	7.39	77	512267	40.38	ng		99
25) Isophorone	7.63	82	949379	41.24	ng		94
26) 2-Nitrophenol	7.71	139	252987	41.95	ng		96
27) 2,4-Dimethylphenol	7.76	122	368797	34.82	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	661438	43.38	ng		99
29) 2,4-Dichlorophenol	7.96	162	397117	40.20	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	392639	36.89	ng		94
31) Naphthalene	8.11	128	1238604	35.51	ng		99
32) Benzoic acid	7.92	122	277724	46.54	ng		98
33) 4-Chloroaniline	8.17	127	516579	37.77	ng	#	94
34) Hexachlorobutadiene	8.22	225	208823	35.66	ng		100
35) Caprolactam	8.56	113	126703	40.78	ng	#	32
36) 4-Chloro-3-methylphenol	8.67	107	421867	40.96	ng		98
37) 2-Methylnaphthalene	8.81	142	841772	37.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	407833	41.01	ng		99
40) Hexachlorocyclopentadiene	8.96	237	148351	33.07	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	252580	38.66	ng		91
43) 2,4,5-Trichlorophenol	9.15	196	276649	38.64	ng	#	84
45) 1,1'-Biphenyl	9.28	154	1058484	41.27	ng		98
46) 2-Chloronaphthalene	9.30	162	771321	38.44	ng		96
47) 2-Nitroaniline	9.40	65	296220	43.91	ng		88
48) Acenaphthylene	9.71	152	1223307	35.29	ng		99
49) Dimethylphthalate	9.58	163	996870	41.78	ng		100
50) 2,6-Dinitrotoluene	9.65	165	243500	47.26	ng		96
51) Acenaphthene	9.88	154	722119	34.84	ng		96
52) 3-Nitroaniline	9.82	138	284210	48.20	ng		91
53) 2,4-Dinitrophenol	9.94	184	48154	22.02	ng	#	49
54) Dibenzofuran	10.05	168	953470	34.40	ng		98
55) 4-Nitrophenol	10.01	139	132601	31.22	ng		84
56) 2,4-Dinitrotoluene	10.06	165	265773	38.74	ng	#	69
57) Fluorene	10.40	166	803289	37.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	194318	40.69	ng		96
59) Diethylphthalate	10.28	149	929613	41.34	ng		94
60) 4-Chlorophenyl-phenylether	10.40	204	384885	37.57	ng	#	71
61) 4-Nitroaniline	10.44	138	266316	44.09	ng		81
62) Azobenzene	10.54	77	991210	42.67	ng		94
64) 4,6-Dinitro-2-methylphenol	10.48	198	101030	29.88	ng		90
65) n-Nitrosodiphenylamine	10.51	169	701920	38.14	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	225238	37.42	ng		94
67) Hexachlorobenzene	10.94	284	230841	38.81	ng	#	74
68) Atrazine	11.05	200	266597	45.14	ng		97
69) Pentachlorophenol	11.15	266	113531	40.85	ng		96
70) Phenanthrene	11.36	178	1248437	37.82	ng		99
71) Anthracene	11.41	178	1299647	39.21	ng		98
72) Carbazole	11.57	167	1207848	38.12	ng		99
73) Di-n-butylphthalate	11.89	149	1368654	39.94	ng		98
74) Fluoranthene	12.55	202	1282662	37.67	ng		98
76) Benzidine	12.68	184	664579	31.84	ng		96
77) Pyrene	12.77	202	1333669	36.38	ng		99
79) Butylbenzylphthalate	13.39	149	634137	42.60	ng		94
80) Benzo(a)anthracene	13.96	228	1202386	40.14	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	370370	34.68	ng		99
82) Chrysene	14.01	228	1225967	43.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	952791	46.80	ng	#	96
84) Di-n-octyl phthalate	14.56	149	1487586	44.88	ng		97
85) Indeno(1,2,3-cd)pyrene	16.80	276	830269	38.22	ng	#	94
87) Benzo(b)fluoranthene	14.99	252	1019883m	40.12	ng		
88) Benzo(k)fluoranthene	15.03	252	1045006m	47.61	ng		
89) Benzo(a)pyrene	15.35	252	930352	42.31	ng	#	96
90) Dibenzo(a,h)anthracene	16.80	278	714285	40.19	ng		97
91) Benzo(g,h,i)perylene	17.21	276	741986	41.33	ng	#	90

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

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