Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092141.D
Acq On : 9 Jan 2017 17:00
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:14 AM

Quant Time: Jan 09 22:40:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	222358	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	802806	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	396953	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	669044	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	513346	20.00	ng		0.00
86) Perylene-d12	15.15	264	493345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1129330	84.80	ng		0.00
7) Phenol-d6	6.31	99	1237057	76.09	ng		0.00
23) Nitrobenzene-d5	7.21	82	1191177	82.51	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	281356	85.65	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1946124	103.22	ng		0.00
78) Terphenyl-d14	12.73	244	1678473	79.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	308264	47.02	ng		99
3) Pyridine	2.74	79	788249	34.45	ng		96
4) n-Nitrosodimethylamine	2.70	42	322557	37.37	ng	#	98
6) Aniline	6.30	93	765064	36.23	ng	#	47
8) 2-Chlorophenol	6.42	128	587502	38.78	ng		97
9) Benzaldehyde	6.17	77	327086	33.19	ng		97
10) Phenol	6.32	94	757685	40.90	ng	#	68
11) bis(2-Chloroethyl)ether	6.38	93	573138	38.88	ng		96
12) 1,3-Dichlorobenzene	6.57	146	680614	42.09	ng		97
13) 1,4-Dichlorobenzene	6.65	146	693981	42.16	ng		94
14) 1,2-Dichlorobenzene	6.80	146	596245	41.75	ng		97
15) Benzyl Alcohol	6.79	79	510647	40.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	968122	44.10	ng		60
17) 2-Methylphenol	6.93	107	530537	43.55	ng	#	93
18) Hexachloroethane	7.14	117	217736	35.68	ng		97
19) n-Nitroso-di-n-propylamine	7.06	70	411378	38.03	ng		97
20) 3+4-Methylphenols	7.08	107	626482	43.11	ng	#	69
22) Acetophenone	7.05	105	875118	44.19	ng	#	93
24) Nitrobenzene	7.22	77	559136	36.36	ng		98
25) Isophorone	7.46	82	1034673	38.84	ng		94
26) 2-Nitrophenol	7.54	139	320980	42.33	ng		92
27) 2,4-Dimethylphenol	7.60	122	455385	36.21	ng		99
28) bis(2-Chloroethoxy)methane	7.68	93	575470	35.63	ng		98
29) 2,4-Dichlorophenol	7.80	162	427957	40.18	ng		88
30) 1,2,4-Trichlorobenzene	7.86	180	447047	38.31	ng	#	95
31) Naphthalene	7.94	128	1559228	42.44	ng		100
32) Benzoic acid	7.76	122	384587	41.23	ng		99
33) 4-Chloroaniline	8.00	127	608958	36.76	ng		98
34) Hexachlorobutadiene	8.07	225	259814	42.17	ng		98
35) Caprolactam	8.39	113	135790	38.80	ng	#	68
36) 4-Chloro-3-methylphenol	8.50	107	464694	37.92	ng		96
37) 2-Methylnaphthalene	8.63	142	956800	41.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	403202	40.20	ng		98
40) Hexachlorocyclopentadiene	8.79	237	162337	38.52	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	297340	42.39	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	297616	41.23	ng		97
45) 1,1'-Biphenyl	9.10	154	1115241	41.03	ng		97
46) 2-Chloronaphthalene	9.12	162	871394	40.48	ng		95
47) 2-Nitroaniline	9.22	65	311876	40.70	ng		99
48) Acenaphthylene	9.53	152	1331248	40.22	ng		99
49) Dimethylphthalate	9.42	163	1116977	44.00	ng		99
50) 2,6-Dinitrotoluene	9.48	165	263621	47.44	ng		99
51) Acenaphthene	9.70	154	838990	37.38	ng		99
52) 3-Nitroaniline	9.65	138	331385	48.19	ng	#	73
53) 2,4-Dinitrophenol	9.75	184	182325	58.97	ng	#	61
54) Dibenzofuran	9.88	168	1096939	36.19	ng		99
55) 4-Nitrophenol	9.84	139	198414m	42.49	ng		
56) 2,4-Dinitrotoluene	9.88	165	284329	40.77	ng	#	79
57) Fluorene	10.22	166	921433	41.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	231074	40.48	ng		99
59) Diethylphthalate	10.10	149	1021502	41.43	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	437205	45.28	ng	#	83
61) 4-Nitroaniline	10.25	138	289206	40.58	ng		97
62) Azobenzene	10.38	77	1178927	43.43	ng		87
64) 4,6-Dinitro-2-methylphenol	10.29	198	195042	48.21	ng		76
65) n-Nitrosodiphenylamine	10.33	169	832778	41.95	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	264192	37.96	ng		94
67) Hexachlorobenzene	10.77	284	312730	42.04	ng		99
68) Atrazine	10.87	200	218861	34.18	ng		97
69) Pentachlorophenol	10.97	266	154767	42.40	ng		98
70) Phenanthrene	11.18	178	1523280	41.99	ng		98
71) Anthracene	11.22	178	1372432	41.57	ng		99
72) Carbazole	11.38	167	1311561	43.08	ng		99
73) Di-n-butylphthalate	11.73	149	1649544	48.29	ng		98
74) Fluoranthene	12.36	202	1425295	44.76	ng		98
76) Benzidine	12.48	184	588079	45.01	ng		97
77) Pyrene	12.59	202	1569431	41.67	ng		100
79) Butylbenzylphthalate	13.21	149	666866	38.93	ng		99
80) Benzo(a)anthracene	13.77	228	1239372	42.77	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	462783	42.12	ng		97
82) Chrysene	13.81	228	1173356	40.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	849693	42.12	ng	#	95
84) Di-n-octyl phthalate	14.39	149	1591651	42.59	ng		100
85) Indeno(1,2,3-cd)pyrene	16.43	276	1084403	43.07	ng		99
87) Benzo(b)fluoranthene	14.78	252	1349496m	43.94	ng		
88) Benzo(k)fluoranthene	14.80	252	922304m	35.21	ng		
89) Benzo(a)pyrene	15.10	252	1138679	41.77	ng	#	97
90) Dibenzo(a,h)anthracene	16.44	278	904675	40.37	ng		97
91) Benzo(g,h,i)perylene	16.80	276	913450	39.20	ng		97

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

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