Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092167.D
Acq On : 10 Jan 2017 4:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:57 AM

Quant Time: Jan 10 06:29:14 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	6.64	152	185718	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	534990	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	275506	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	424511	20.00	ng		0.00
75) Chrysene-d12	13.80	240	229095	20.00	ng		0.01
86) Perylene-d12	15.17	264	185115	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	990314	89.04	ng		0.01
7) Phenol-d6	6.32	99	923700	68.02	ng		0.01
23) Nitrobenzene-d5	7.21	82	799054	83.05	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	161858	70.99	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1198831	89.90	ng		0.00
78) Terphenyl-d14	12.75	244	943328	99.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	214309	39.14	ng		98
3) Pyridine	2.71	79	647159	33.86	ng		96
4) n-Nitrosodimethylamine	2.66	42	274669	38.10	ng		97
6) Aniline	6.30	93	652973	37.02	ng	#	45
8) 2-Chlorophenol	6.44	128	474806	37.53	ng		97
9) Benzaldehyde	6.18	77	286931	35.60	ng		98
10) Phenol	6.33	94	677812	43.80	ng	#	69
11) bis(2-Chloroethyl)ether	6.38	93	456850	37.10	ng		97
12) 1,3-Dichlorobenzene	6.58	146	379162	28.07	ng		98
13) 1,4-Dichlorobenzene	6.65	146	539375	39.23	ng		98
14) 1,2-Dichlorobenzene	6.81	146	522652	43.81	ng		99
15) Benzyl Alcohol	6.80	79	323989	30.71	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	739166	40.31	ng		74
17) 2-Methylphenol	6.94	107	381274	37.47	ng		96
18) Hexachloroethane	7.14	117	68583	13.46	ng	#	83
19) n-Nitroso-di-n-propylamine	7.08	70	395606	43.79	ng	#	90
20) 3+4-Methylphenols	7.09	107	503789	41.51	ng	#	70
22) Acetophenone	7.06	105	720108	54.57	ng	#	87
24) Nitrobenzene	7.24	77	454357	44.34	ng	#	89
25) Isophorone	7.48	82	880149	49.58	ng		98
26) 2-Nitrophenol	7.54	139	67057	13.27	ng	#	86
27) 2,4-Dimethylphenol	7.61	122	305749	36.48	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	589625	54.78	ng		100
29) 2,4-Dichlorophenol	7.81	162	340183	47.93	ng		88
30) 1,2,4-Trichlorobenzene	7.88	180	375101	48.23	ng		97
31) Naphthalene	7.96	128	1322719	54.02	ng		99
32) Benzoic acid	7.78	122	70778m	11.39	ng		
33) 4-Chloroaniline	8.01	127	608495	55.11	ng		96
34) Hexachlorobutadiene	8.07	225	194219	47.31	ng		99
35) Caprolactam	8.40	113	102769	44.06	ng		98
36) 4-Chloro-3-methylphenol	8.52	107	328620	40.24	ng		91
37) 2-Methylnaphthalene	8.64	142	665113	44.72	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	304023	43.68	ng		99
42) 2,4,6-Trichlorophenol	8.94	196	199591	41.00	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	186158	37.16	ng	#	87
45) 1,1'-Biphenyl	9.11	154	853266	45.23	ng		98
46) 2-Chloronaphthalene	9.13	162	633454	42.40	ng		97
47) 2-Nitroaniline	9.24	65	216584	40.72	ng		97
48) Acenaphthylene	9.54	152	1031520	44.90	ng		98
49) Dimethylphthalate	9.41	163	745081	42.28	ng	#	98
50) 2,6-Dinitrotoluene	9.48	165	79870	20.71	ng	#	77
51) Acenaphthene	9.72	154	630616	40.49	ng		99
52) 3-Nitroaniline	9.65	138	189372	39.68	ng		100
54) Dibenzofuran	9.89	168	845721	40.20	ng		97
55) 4-Nitrophenol	9.85	139	60439m	18.65	ng		
56) 2,4-Dinitrotoluene	9.89	165	73878	15.26	ng	#	61
57) Fluorene	10.23	166	674590	44.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	140039	35.34	ng		97
59) Diethylphthalate	10.12	149	745751	43.58	ng		95
60) 4-Chlorophenyl-phenylether	10.22	204	277107	41.35	ng		96
61) 4-Nitroaniline	10.26	138	222702m	45.03	ng		
62) Azobenzene	10.38	77	652637	34.64	ng		97
65) n-Nitrosodiphenylamine	10.34	169	551025	43.74	ng		98
66) 4-Bromophenyl-phenylether	10.71	248	182771	41.39	ng		96
67) Hexachlorobenzene	10.78	284	191924	40.66	ng	#	92
68) Atrazine	10.88	200	108868	26.79	ng		93
69) Pentachlorophenol	10.98	266	49733	21.47	ng		98
70) Phenanthrene	11.19	178	942118	40.93	ng		97
71) Anthracene	11.24	178	929842	45.85	ng		98
72) Carbazole	11.40	167	832033	43.06	ng		98
73) Di-n-butylphthalate	11.74	149	1146645	53.33	ng	#	97
74) Fluoranthene	12.37	202	817710	40.07	ng		99
76) Benzidine	12.51	184	485866	131.63	ng		97
77) Pyrene	12.60	202	819953	48.78	ng		98
79) Butylbenzylphthalate	13.23	149	385934	50.48	ng		96
80) Benzo(a)anthracene	13.79	228	566188	43.78	ng		98
81) 3,3'-Dichlorobenzidine	13.75	252	234001	47.72	ng		97
82) Chrysene	13.82	228	494621	38.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	497965	55.31	ng		99
84) Di-n-octyl phthalate	14.40	149	756339	45.35	ng		98
85) Indeno(1,2,3-cd)pyrene	16.46	276	392457	34.92	ng		98
87) Benzo(b)fluoranthene	14.79	252	450307m	39.07	ng		
88) Benzo(k)fluoranthene	14.81	252	461974m	47.01	ng		
89) Benzo(a)pyrene	15.11	252	439635	42.98	ng		97
90) Dibenzo(a,h)anthracene	16.46	278	345882	41.14	ng		99
91) Benzo(g,h,i)perylene	16.84	276	295679	33.82	ng		98

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

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