Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\

Quantitation Report (QT Reviewed)

Data File : BF098733.D
Acq On : 23 Sep 2017 12:22
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 23 13:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 12:56:14 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	161478	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	674335	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	305642	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	537988	20.00	ng	0.00
75) Chrysene-d12	14.09	240	381534	20.00	ng	0.00
86) Perylene-d12	15.57	264	309198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	997774	93.83	ng	0.00
7) Phenol-d6	6.55	99	1225951	95.20	ng	0.00
23) Nitrobenzene-d5	7.49	82	1041096	104.72	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	249599	89.30	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1746237	90.92	ng	0.00
78) Terphenyl-d14	13.03	244	1653436	93.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	238754	47.53	ng	98
3) Pyridine	3.53	79	662953	49.66	ng	98
4) n-Nitrosodimethylamine	3.49	42	281802	48.18	ng	97
6) Aniline	6.59	93	825879	48.41	ng	100
8) 2-Chlorophenol	6.71	128	553149	47.89	ng	98
9) Benzaldehyde	6.47	77	325237	45.03	ng	98
10) Phenol	6.56	94	683038	48.06	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	522070	47.68	ng	98
12) 1,3-Dichlorobenzene	6.87	146	578142	47.38	ng	98
13) 1,4-Dichlorobenzene	6.94	146	586868	47.52	ng	100
14) 1,2-Dichlorobenzene	7.10	146	542056	47.07	ng	98
15) Benzyl Alcohol	7.06	79	442084	47.58	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	814700	46.69	ng	99
17) 2-Methylphenol	7.17	107	454783	48.32	ng	100
18) Hexachloroethane	7.44	117	209676	49.32	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	372657	46.71	ng	98
20) 3+4-Methylphenols	7.32	107	566801	46.71	ng	96
22) Acetophenone	7.33	105	768454	46.07	ng	98
24) Nitrobenzene	7.51	77	581359	50.63	ng	97
25) Isophorone	7.75	82	1055258	48.67	ng	99
26) 2-Nitrophenol	7.82	139	295950	63.41	ng	94
27) 2,4-Dimethylphenol	7.85	122	518151	48.66	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	648298	48.05	ng	99
29) 2,4-Dichlorophenol	8.06	162	451962	49.34	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	447269	48.41	ng	98
31) Naphthalene	8.23	128	1500751	46.89	ng	99
32) Benzoic acid	7.99	122	467015m	82.09	ng	
33) 4-Chloroaniline	8.27	127	635148	47.73	ng	98
34) Hexachlorobutadiene	8.35	225	227465	45.70	ng	98
35) Caprolactam	8.66	113	144408	50.56	ng	93
36) 4-Chloro-3-methylphenol	8.75	107	503301	48.14	ng	96
37) 2-Methylnaphthalene	8.92	142	985267	47.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	434173	48.03	ng	99
40) Hexachlorocyclopentadiene	9.07	237	210498	53.59	ng	98

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Quant Time: Sep 23 13:08:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 12:56:14 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	318766	52.33	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	312934	50.10	ng		98
45) 1,1'-Biphenyl	9.39	154	1231681	46.91	ng		99
46) 2-Chloronaphthalene	9.41	162	937845	47.63	ng		98
47) 2-Nitroaniline	9.50	65	304119	55.01	ng		98
48) Acenaphthylene	9.83	152	1424251	47.03	ng		99
49) Dimethylphthalate	9.69	163	1091788	47.63	ng		100
50) 2,6-Dinitrotoluene	9.75	165	252145	55.75	ng		98
51) Acenaphthene	10.00	154	913880	48.61	ng		99
52) 3-Nitroaniline	9.92	138	293566	54.45	ng		96
53) 2,4-Dinitrophenol	10.02	184	123694	86.37	ng		97
54) Dibenzofuran	10.17	168	1205346	46.96	ng		98
55) 4-Nitrophenol	10.06	139	253825	54.10	ng		93
56) 2,4-Dinitrotoluene	10.15	165	336276	55.34	ng	#	99
57) Fluorene	10.51	166	951519	46.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	218163	49.09	ng		98
59) Diethylphthalate	10.38	149	1072028	47.73	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	421832	46.67	ng		95
61) 4-Nitroaniline	10.53	138	287344	55.57	ng		96
62) Azobenzene	10.66	77	980676	46.68	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	172576	74.10	ng		85
65) n-Nitrosodiphenylamine	10.62	169	880968	47.57	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	251709	46.34	ng		95
67) Hexachlorobenzene	11.06	284	270422	43.69	ng		98
68) Atrazine	11.14	200	264765	47.53	ng		100
69) Pentachlorophenol	11.24	266	179153	50.64	ng		98
70) Phenanthrene	11.47	178	1347494	46.17	ng		99
71) Anthracene	11.53	178	1373609	46.16	ng		99
72) Carbazole	11.68	167	1362159	46.85	ng		99
73) Di-n-butylphthalate	12.00	149	1650970	48.88	ng		100
74) Fluoranthene	12.66	202	1365727	46.96	ng		100
76) Benzidine	12.78	184	681138	43.96	ng		97
77) Pyrene	12.89	202	1431889	50.55	ng		100
79) Butylbenzylphthalate	13.50	149	683849	58.36	ng		94
80) Benzo(a)anthracene	14.08	228	1109817	48.29	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	409335	49.91	ng		99
82) Chrysene	14.12	228	1033438	46.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	913851	56.38	ng	#	100
84) Di-n-octyl phthalate	14.67	149	1444051	59.32	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	863557	50.16	ng		97
87) Benzo(b)fluoranthene	15.14	252	911132	50.81	ng		97
88) Benzo(k)fluoranthene	15.17	252	924228	51.58	ng		99
89) Benzo(a)pyrene	15.52	252	850369	52.22	ng	#	96
90) Dibenzo(a,h)anthracene	17.11	278	701645	50.94	ng		98
91) Benzo(g,h,i)perylene	17.55	276	703804	50.83	ng		94

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

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