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

Quantitation Report (QT Reviewed)

Data File : BF098734.D
Acq On : 23 Sep 2017 12:50
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:05 PM

Quant Time: Sep 23 13:21:21 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	165297	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	706388	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	320667	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	553783	20.00	ng		0.00
75) Chrysene-d12	14.09	240	386493	20.00	ng		0.00
86) Perylene-d12	15.57	264	308612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1199095	110.16	ng		0.00
7) Phenol-d6	6.55	99	1489321	112.98	ng		0.00
23) Nitrobenzene-d5	7.49	82	1288498	123.73	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	304577	103.86	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2076064	103.02	ng		0.00
78) Terphenyl-d14	13.03	244	1930161	107.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	292414	56.87	ng		99
3) Pyridine	3.53	79	798114	58.41	ng		96
4) n-Nitrosodimethylamine	3.50	42	342310	57.17	ng	#	96
6) Aniline	6.60	93	1018931	58.35	ng		99
8) 2-Chlorophenol	6.71	128	673422	56.95	ng		99
9) Benzaldehyde	6.48	77	388394	52.53	ng		96
10) Phenol	6.56	94	827907	56.91	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	649892	57.98	ng		98
12) 1,3-Dichlorobenzene	6.87	146	709587	56.81	ng		98
13) 1,4-Dichlorobenzene	6.95	146	717584	56.77	ng		98
14) 1,2-Dichlorobenzene	7.10	146	652033	55.31	ng		99
15) Benzyl Alcohol	7.06	79	540027	56.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1009148	56.50	ng		98
17) 2-Methylphenol	7.17	107	565116	58.65	ng		99
18) Hexachloroethane	7.44	117	260689	59.90	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	466618	57.14	ng		96
20) 3+4-Methylphenols	7.33	107	675895	54.41	ng		91
22) Acetophenone	7.34	105	933092	53.40	ng		96
24) Nitrobenzene	7.51	77	713589	59.33	ng		100
25) Isophorone	7.75	82	1339819	58.99	ng		100
26) 2-Nitrophenol	7.82	139	376398	76.99	ng		97
27) 2,4-Dimethylphenol	7.86	122	648984	58.18	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	821451	58.12	ng		100
29) 2,4-Dichlorophenol	8.06	162	567488	59.15	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	552460	57.09	ng		99
31) Naphthalene	8.23	128	1829105	54.56	ng		100
32) Benzoic acid	8.00	122	598532m	100.43	ng		
33) 4-Chloroaniline	8.27	127	777229	55.76	ng		99
34) Hexachlorobutadiene	8.35	225	283080	54.30	ng		100
35) Caprolactam	8.67	113	181766m	60.75	ng		
36) 4-Chloro-3-methylphenol	8.76	107	628699	57.41	ng		94
37) 2-Methylnaphthalene	8.92	142	1200036	55.75	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	530619	55.95	ng		99
40) Hexachlorocyclopentadiene	9.07	237	268914	65.25	ng		97

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Sample : SSTDICC060
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Instrument : BNA_F
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Manual Integrations APPROVED
Sohil
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Quant Time: Sep 23 13:21:21 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	395715	61.91	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	389334	59.41	ng		95
45) 1,1'-Biphenyl	9.39	154	1499668	54.44	ng		99
46) 2-Chloronaphthalene	9.41	162	1148729	55.61	ng		99
47) 2-Nitroaniline	9.50	65	374888	64.63	ng		99
48) Acenaphthylene	9.83	152	1762800	55.48	ng		99
49) Dimethylphthalate	9.69	163	1376714	57.25	ng		99
50) 2,6-Dinitrotoluene	9.75	165	316291	66.65	ng		89
51) Acenaphthene	10.00	154	1112964	56.43	ng		98
52) 3-Nitroaniline	9.92	138	364449	64.43	ng		93
53) 2,4-Dinitrophenol	10.02	184	161131	107.24	ng		90
54) Dibenzofuran	10.17	168	1468792	54.54	ng		99
55) 4-Nitrophenol	10.07	139	318451	64.69	ng		90
56) 2,4-Dinitrotoluene	10.15	165	415145	65.12	ng		96
57) Fluorene	10.52	166	1133536	52.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	269592	57.82	ng		97
59) Diethylphthalate	10.39	149	1311887	55.67	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	519916	54.83	ng		97
61) 4-Nitroaniline	10.54	138	354812	65.40	ng		96
62) Azobenzene	10.66	77	1199047	54.40	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	225075	93.89	ng		78
65) n-Nitrosodiphenylamine	10.62	169	1076448	56.47	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	315757	56.47	ng		99
67) Hexachlorobenzene	11.06	284	333961	52.41	ng		93
68) Atrazine	11.15	200	324174	56.54	ng		99
69) Pentachlorophenol	11.25	266	222282	61.04	ng		98
70) Phenanthrene	11.47	178	1632221	54.33	ng		100
71) Anthracene	11.53	178	1675793	54.71	ng		100
72) Carbazole	11.68	167	1654605	55.28	ng		99
73) Di-n-butylphthalate	12.00	149	1971092	56.70	ng		100
74) Fluoranthene	12.66	202	1653451	55.23	ng		99
76) Benzidine	12.78	184	838812m	53.45	ng		
77) Pyrene	12.90	202	1700275	59.26	ng		99
79) Butylbenzylphthalate	13.50	149	832309	70.11	ng		98
80) Benzo(a)anthracene	14.08	228	1347903	57.90	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	483928	58.25	ng		96
82) Chrysene	14.12	228	1256161	55.87	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1113355	67.80	ng	#	99
84) Di-n-octyl phthalate	14.67	149	1804371	73.17	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	1019641	58.47	ng		97
87) Benzo(b)fluoranthene	15.14	252	1156560m	64.62	ng		
88) Benzo(k)fluoranthene	15.17	252	1052632	58.85	ng		98
89) Benzo(a)pyrene	15.52	252	1018084	62.63	ng		97
90) Dibenzo(a,h)anthracene	17.12	278	826180	60.10	ng		97
91) Benzo(g,h,i)perylene	17.56	276	834155	60.36	ng		97

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

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