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

Quantitation Report (QT Reviewed)

Data File : BF098730.D
Acq On : 23 Sep 2017 10:59
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:00 PM

Quant Time: Sep 23 13:05:52 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	157533	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	666490	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	307413	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	542061	20.00	ng		0.00
75) Chrysene-d12	14.09	240	430681	20.00	ng		0.00
86) Perylene-d12	15.57	264	379988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	216081	20.83	ng		-0.01
7) Phenol-d6	6.53	99	266797	21.24	ng		-0.02
23) Nitrobenzene-d5	7.47	82	217758	22.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	52122	18.54	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	444007	22.98	ng		0.00
78) Terphenyl-d14	13.02	244	423630	21.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	46992	9.59	ng		99
3) Pyridine	3.55	79	131370	10.09	ng		96
4) n-Nitrosodimethylamine	3.47	42	55678	9.76	ng	#	98
6) Aniline	6.58	93	168287	10.11	ng		98
8) 2-Chlorophenol	6.70	128	121182	10.75	ng		99
9) Benzaldehyde	6.47	77	84810	12.04	ng		95
10) Phenol	6.55	94	144322	10.41	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	110077	10.31	ng		96
12) 1,3-Dichlorobenzene	6.86	146	124098	10.43	ng		99
13) 1,4-Dichlorobenzene	6.94	146	124225	10.31	ng		98
14) 1,2-Dichlorobenzene	7.09	146	120634	10.74	ng		97
15) Benzyl Alcohol	7.05	79	96364	10.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	171451	10.07	ng		98
17) 2-Methylphenol	7.16	107	95210	10.37	ng		98
18) Hexachloroethane	7.43	117	45200	10.90	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	83334	10.71	ng		99
20) 3+4-Methylphenols	7.31	107	127381	10.76	ng		97
22) Acetophenone	7.32	105	175428	10.64	ng	#	99
24) Nitrobenzene	7.50	77	123582	10.89	ng		98
25) Isophorone	7.73	82	219857	10.26	ng		98
26) 2-Nitrophenol	7.82	139	54745	11.87	ng		94
27) 2,4-Dimethylphenol	7.85	122	112768	10.72	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	140148	10.51	ng		99
29) 2,4-Dichlorophenol	8.05	162	95925	10.60	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	96238	10.54	ng		99
31) Naphthalene	8.22	128	338781	10.71	ng		99
32) Benzoic acid	7.92	122	72655m	12.92	ng		
33) 4-Chloroaniline	8.27	127	137379	10.45	ng		98
34) Hexachlorobutadiene	8.34	225	50553	10.28	ng		98
35) Caprolactam	8.61	113	29565	10.47	ng		99
36) 4-Chloro-3-methylphenol	8.73	107	108100	10.46	ng		99
37) 2-Methylnaphthalene	8.92	142	219573	10.81	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	98152	10.80	ng		99
40) Hexachlorocyclopentadiene	9.07	237	40814	10.33	ng		99

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Quant Time: Sep 23 13:05:52 2017
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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	9.19	196	67265	10.98	ng		100
43) 2,4,5-Trichlorophenol	9.22	196	66597	10.60	ng		98
45) 1,1'-Biphenyl	9.37	154	289368	10.96	ng		99
46) 2-Chloronaphthalene	9.40	162	214921	10.85	ng		96
47) 2-Nitroaniline	9.49	65	62427	11.23	ng		96
48) Acenaphthylene	9.82	152	327362	10.75	ng		98
49) Dimethylphthalate	9.67	163	244057	10.59	ng		99
50) 2,6-Dinitrotoluene	9.73	165	49466	10.87	ng		99
51) Acenaphthene	9.99	154	203809	10.78	ng		100
52) 3-Nitroaniline	9.90	138	59785	11.02	ng		97
53) 2,4-Dinitrophenol	10.00	184	15351	10.66	ng	#	87
54) Dibenzofuran	10.16	168	280492	10.86	ng		99
55) 4-Nitrophenol	10.05	139	49251	10.44	ng		93
56) 2,4-Dinitrotoluene	10.13	165	64994	10.64	ng		97
57) Fluorene	10.50	166	230949	11.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	46549	10.41	ng		97
59) Diethylphthalate	10.37	149	238677	10.56	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	102136	11.24	ng		97
61) 4-Nitroaniline	10.51	138	57667	11.09	ng		96
62) Azobenzene	10.66	77	224204	10.61	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	25274	10.77	ng		90
65) n-Nitrosodiphenylamine	10.61	169	204205	10.94	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	55817	10.20	ng		97
67) Hexachlorobenzene	11.05	284	59065	9.47	ng		97
68) Atrazine	11.13	200	59706	10.64	ng		99
69) Pentachlorophenol	11.24	266	35159	9.86	ng		96
70) Phenanthrene	11.47	178	317530	10.80	ng		97
71) Anthracene	11.52	178	324529	10.82	ng		99
72) Carbazole	11.67	167	320622	10.94	ng		98
73) Di-n-butylphthalate	12.00	149	379502	11.15	ng		99
74) Fluoranthene	12.66	202	324661	11.08	ng		97
76) Benzidine	12.77	184	181000	10.35	ng		97
77) Pyrene	12.89	202	336100	10.51	ng		98
79) Butylbenzylphthalate	13.50	149	153531	11.61	ng		99
80) Benzo(a)anthracene	14.07	228	273936	10.56	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	104565	11.30	ng		98
82) Chrysene	14.11	228	266874	10.65	ng		98
83) Bis(2-ethylhexyl)phthalate	14.06	149	222214	12.14	ng	#	99
84) Di-n-octyl phthalate	14.67	149	363841	13.24	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	205931	10.60	ng		97
87) Benzo(b)fluoranthene	15.13	252	243896	11.07	ng		98
88) Benzo(k)fluoranthene	15.16	252	234938	10.67	ng		98
89) Benzo(a)pyrene	15.50	252	218315	10.91	ng		99
90) Dibenzo(a,h)anthracene	17.09	278	170467	10.07	ng		97
91) Benzo(g,h,i)perylene	17.53	276	164209	9.65	ng		97

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

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