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

Quantitation Report (QT Reviewed)

Data File : BF098732.D
Acq On : 23 Sep 2017 11:54
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Sep 23 12:58:09 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	161260	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	677750	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	306396	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	550721	20.00	ng		0.00
75) Chrysene-d12	14.09	240	396837	20.00	ng		0.00
86) Perylene-d12	15.57	264	312303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	813862	76.64	ng		0.00
7) Phenol-d6	6.55	99	1004933	78.15	ng		0.00
23) Nitrobenzene-d5	7.49	82	850781	85.15	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	206729	73.78	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1471761	76.44	ng		0.00
78) Terphenyl-d14	13.03	244	1371513	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	196934	39.26	ng		98
3) Pyridine	3.53	79	513359	38.51	ng		100
4) n-Nitrosodimethylamine	3.49	42	222718	38.13	ng		93
6) Aniline	6.59	93	670172	39.34	ng		99
8) 2-Chlorophenol	6.71	128	453531	39.32	ng		96
9) Benzaldehyde	6.47	77	283017	39.24	ng		99
10) Phenol	6.56	94	552579	38.93	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	429538	39.28	ng		99
12) 1,3-Dichlorobenzene	6.86	146	473985	38.90	ng		100
13) 1,4-Dichlorobenzene	6.94	146	479738	38.90	ng		99
14) 1,2-Dichlorobenzene	7.09	146	448850	39.03	ng		99
15) Benzyl Alcohol	7.06	79	365671	39.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	658174	37.77	ng		99
17) 2-Methylphenol	7.16	107	371021	39.47	ng		99
18) Hexachloroethane	7.44	117	172146	40.55	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	304183	38.18	ng		99
20) 3+4-Methylphenols	7.32	107	473492	39.07	ng		92
22) Acetophenone	7.33	105	635223	37.89	ng	#	96
24) Nitrobenzene	7.50	77	477218	41.35	ng		99
25) Isophorone	7.75	82	846646	38.85	ng		100
26) 2-Nitrophenol	7.82	139	238363	50.82	ng		92
27) 2,4-Dimethylphenol	7.85	122	425555	39.77	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	526841	38.85	ng		100
29) 2,4-Dichlorophenol	8.06	162	369818	40.17	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	368332	39.67	ng		100
31) Naphthalene	8.23	128	1233893	38.36	ng		99
32) Benzoic acid	7.97	122	369525	64.62	ng		99
33) 4-Chloroaniline	8.27	127	524102	39.19	ng		97
34) Hexachlorobutadiene	8.34	225	186437	37.27	ng		99
35) Caprolactam	8.65	113	115482	40.23	ng		99
36) 4-Chloro-3-methylphenol	8.75	107	414356	39.43	ng		98
37) 2-Methylnaphthalene	8.92	142	806922	39.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	358346	39.55	ng		100
40) Hexachlorocyclopentadiene	9.07	237	171260	43.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	255971	41.92	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	260956	41.67	ng		98
45) 1,1'-Biphenyl	9.38	154	1036589	39.38	ng		100
46) 2-Chloronaphthalene	9.41	162	775971	39.31	ng		98
47) 2-Nitroaniline	9.50	65	247823	44.72	ng		95
48) Acenaphthylene	9.83	152	1187674	39.12	ng		100
49) Dimethylphthalate	9.68	163	899933	39.17	ng		99
50) 2,6-Dinitrotoluene	9.74	165	206182	45.47	ng		96
51) Acenaphthene	10.00	154	752676	39.94	ng		99
52) 3-Nitroaniline	9.91	138	243765	45.10	ng		99
53) 2,4-Dinitrophenol	10.01	184	94861	66.07	ng	#	85
54) Dibenzofuran	10.17	168	1001828	38.93	ng		99
55) 4-Nitrophenol	10.06	139	203828	43.34	ng		98
56) 2,4-Dinitrotoluene	10.15	165	269394	44.23	ng		93
57) Fluorene	10.51	166	796746	38.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	179183	40.22	ng		98
59) Diethylphthalate	10.38	149	886706	39.38	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	360563	39.79	ng		99
61) 4-Nitroaniline	10.53	138	232679	44.89	ng		94
62) Azobenzene	10.66	77	814457	38.68	ng		95
64) 4,6-Dinitro-2-methylphenol	10.55	198	134752	56.52	ng		94
65) n-Nitrosodiphenylamine	10.62	169	731884	38.61	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	209626	37.70	ng		92
67) Hexachlorobenzene	11.06	284	222485	35.11	ng		97
68) Atrazine	11.14	200	224449	39.36	ng		98
69) Pentachlorophenol	11.25	266	147220	40.65	ng		99
70) Phenanthrene	11.47	178	1124449	37.64	ng		99
71) Anthracene	11.53	178	1165863	38.27	ng		100
72) Carbazole	11.67	167	1148874	38.60	ng		100
73) Di-n-butylphthalate	12.00	149	1388541	40.16	ng		99
74) Fluoranthene	12.66	202	1142317	38.37	ng		98
76) Benzidine	12.78	184	578618	35.91	ng		99
77) Pyrene	12.89	202	1185960	40.25	ng		100
79) Butylbenzylphthalate	13.50	149	575414	47.21	ng		93
80) Benzo(a)anthracene	14.07	228	932284	39.00	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	349789	41.01	ng		98
82) Chrysene	14.12	228	889677	38.54	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	781947	46.38	ng	#	99
84) Di-n-octyl phthalate	14.67	149	1224209	48.35	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	663115	37.03	ng		96
87) Benzo(b)fluoranthene	15.14	252	779892	43.06	ng		99
88) Benzo(k)fluoranthene	15.17	252	745812	41.21	ng		99
89) Benzo(a)pyrene	15.52	252	698561	42.47	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	545611	39.22	ng		98
91) Benzo(g,h,i)perylene	17.54	276	540991	38.69	ng		97

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

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