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

Quantitation Report (QT Reviewed)

Data File : BF098736.D
Acq On : 23 Sep 2017 13:46
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF092317

Quant Time: Sep 23 14:39:55 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 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	178382	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	757115	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	345511	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	585459	20.00	ng		0.00
75) Chrysene-d12	14.09	240	411761	20.00	ng		0.00
86) Perylene-d12	15.57	264	332466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	873428	77.95	ng		0.00
7) Phenol-d6	6.55	99	1091816	78.98	ng		0.00
23) Nitrobenzene-d5	7.49	82	948964	80.38	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	224647	79.46	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1667645	80.58	ng		0.00
78) Terphenyl-d14	13.03	244	1458707	80.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	204731	38.25	ng		99
3) Pyridine	3.53	79	577266	39.87	ng		98
4) n-Nitrosodimethylamine	3.49	42	240862	39.23	ng	#	95
6) Aniline	6.59	93	735038	39.40	ng		100
8) 2-Chlorophenol	6.71	128	498694	39.30	ng		98
9) Benzaldehyde	6.47	77	309739	38.63	ng		99
10) Phenol	6.56	94	603085	39.01	ng		100
11) bis(2-Chloroethyl)ether	6.66	93	483721	40.25	ng		97
12) 1,3-Dichlorobenzene	6.86	146	526808	39.64	ng		99
13) 1,4-Dichlorobenzene	6.94	146	534889	39.56	ng		99
14) 1,2-Dichlorobenzene	7.10	146	490625	39.27	ng		97
15) Benzyl Alcohol	7.06	79	403803	39.82	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	754827	40.31	ng		98
17) 2-Methylphenol	7.17	107	407256	39.22	ng		99
18) Hexachloroethane	7.44	117	194059	39.93	ng		99
19) n-Nitroso-di-n-propylamine	7.34	70	346016	39.21	ng		97
20) 3+4-Methylphenols	7.32	107	515212	39.22	ng		93
22) Acetophenone	7.33	105	704761	38.42	ng		98
24) Nitrobenzene	7.50	77	533023	39.80	ng		98
25) Isophorone	7.75	82	966807	39.61	ng		99
26) 2-Nitrophenol	7.82	139	272097	42.25	ng		92
27) 2,4-Dimethylphenol	7.85	122	475206	39.07	ng		96
28) bis(2-Chloroethoxy)methane	7.95	93	607175	39.92	ng		100
29) 2,4-Dichlorophenol	8.06	162	414127	39.66	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	418539	40.08	ng		100
31) Naphthalene	8.23	128	1385335	38.96	ng		100
32) Benzoic acid	7.98	122	415107	41.55	ng		97
33) 4-Chloroaniline	8.27	127	571286	38.47	ng		98
34) Hexachlorobutadiene	8.35	225	215552	40.07	ng		100
35) Caprolactam	8.66	113	127575	38.09	ng		99
36) 4-Chloro-3-methylphenol	8.75	107	459234	39.13	ng		98
37) 2-Methylnaphthalene	8.92	142	908663	39.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	403170	39.13	ng		99
40) Hexachlorocyclopentadiene	9.07	237	196830	41.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	288258	39.49	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	291013	39.94	ng		99
45) 1,1'-Biphenyl	9.38	154	1155426	38.91	ng		99
46) 2-Chloronaphthalene	9.41	162	869248	38.99	ng		98
47) 2-Nitroaniline	9.50	65	276640	40.52	ng		95
48) Acenaphthylene	9.83	152	1316655	38.58	ng		99
49) Dimethylphthalate	9.68	163	1019660	39.10	ng		100
50) 2,6-Dinitrotoluene	9.75	165	228137	40.18	ng		94
51) Acenaphthene	10.00	154	840971	38.90	ng		100
52) 3-Nitroaniline	9.92	138	261254	39.47	ng		92
53) 2,4-Dinitrophenol	10.02	184	109319	40.12	ng		93
54) Dibenzofuran	10.17	168	1105286	38.40	ng		97
55) 4-Nitrophenol	10.06	139	225404	40.27	ng		98
56) 2,4-Dinitrotoluene	10.15	165	300551	40.79	ng		97
57) Fluorene	10.51	166	882278	38.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	195968	38.93	ng		95
59) Diethylphthalate	10.38	149	990023	38.85	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	398130	38.31	ng		98
61) 4-Nitroaniline	10.53	138	251352	39.36	ng		96
62) Azobenzene	10.66	77	913232	38.98	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	153628	43.13	ng		98
65) n-Nitrosodiphenylamine	10.62	169	801011	39.49	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	229906	40.12	ng		95
67) Hexachlorobenzene	11.06	284	247177	40.38	ng		98
68) Atrazine	11.15	200	234977	38.51	ng		99
69) Pentachlorophenol	11.25	266	159761	41.94	ng		99
70) Phenanthrene	11.47	178	1210966	38.64	ng		99
71) Anthracene	11.53	178	1249293	38.96	ng		100
72) Carbazole	11.68	167	1217390	38.77	ng		99
73) Di-n-butylphthalate	12.00	149	1486178	39.32	ng		99
74) Fluoranthene	12.66	202	1215572	38.31	ng		98
76) Benzidine	12.78	184	593448	38.97	ng	#	95
77) Pyrene	12.89	202	1243821	39.61	ng		99
79) Butylbenzylphthalate	13.50	149	610586	41.38	ng		95
80) Benzo(a)anthracene	14.07	228	994060	39.87	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	358394	39.21	ng		98
82) Chrysene	14.12	228	938402	39.53	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	835094	41.10	ng	#	99
84) Di-n-octyl phthalate	14.67	149	1340427	40.97	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	716033	37.71	ng		96
87) Benzo(b)fluoranthene	15.14	252	816656	39.95	ng		97
88) Benzo(k)fluoranthene	15.17	252	818838	40.56	ng		99
89) Benzo(a)pyrene	15.52	252	748918	39.91	ng		96
90) Dibenzo(a,h)anthracene	17.10	278	587249	39.11	ng		97
91) Benzo(g,h,i)perylene	17.55	276	575612	38.78	ng		99

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

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