Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110101.D
Acq On : 24 Oct 2018 2:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 24 02:35:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	216370	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	942475	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	453179	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	839351	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	583195	20.00	ng		-0.01
87) Perylene-d12	15.67	264	468728	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1035278	77.92	ng		-0.02
7) Phenol-d6	6.59	99	1346001	79.20	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1268190	79.81	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	344124	76.66	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	2185924	75.74	ng		-0.01
79) Terphenyl-d14	13.09	244	2181251	77.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	268906	38.629	ng		91
3) Pyridine	3.59	79	649097	41.864	ng		88
4) n-Nitrosodimethylamine	3.56	42	272597	41.964	ng		95
6) Aniline	6.63	93	916542	41.400	ng	#	54
8) 2-Chlorophenol	6.75	128	607521	39.659	ng		96
9) Benzaldehyde	6.52	77	341060	32.834	ng		93
10) Phenol	6.60	94	728954	40.127	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	606236	40.562	ng		95
12) 1,3-Dichlorobenzene	6.91	146	658139	39.040	ng		98
13) 1,4-Dichlorobenzene	6.99	146	650991	38.182	ng		97
14) 1,2-Dichlorobenzene	7.14	146	620704	39.217	ng		100
15) Benzyl Alcohol	7.11	79	537255	41.102	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	976793	40.876	ng		68
17) 2-Methylphenol	7.21	107	498153	40.804	ng	#	82
18) Hexachloroethane	7.48	117	246764	39.532	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	444036	40.726	ng		95
20) 3+4-Methylphenols	7.37	107	619926	39.284	ng		98
22) Acetophenone	7.38	105	843535	38.843	ng		98
24) Nitrobenzene	7.56	77	660882	40.285	ng		91
25) Isophorone	7.79	82	1096185	40.471	ng		96
26) 2-Nitrophenol	7.86	139	329806	42.247	ng		99
27) 2,4-Dimethylphenol	7.89	122	508353	39.276	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	728829	39.609	ng		100
29) 2,4-Dichlorophenol	8.10	162	514246	39.327	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	575014	39.259	ng		96
31) Naphthalene	8.27	128	1655474	38.112	ng		98
32) Benzoic acid	8.03	122	409687	40.955	ng		93
33) 4-Chloroaniline	8.32	127	754194	38.579	ng		98
34) Hexachlorobutadiene	8.39	225	318602	39.176	ng		98
35) Caprolactam	8.71	113	185933	40.796	ng	#	86
36) 4-Chloro-3-methylphenol	8.80	107	555212	39.265	ng		97
37) 2-Methylnaphthalene	8.96	142	1103248	38.388	ng		99
38) 1-Methylnaphthalene	9.07	142	1067251	38.427	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	536582	38.001	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	287904	39.875	ng		99
43) 2,4,6-Trichlorophenol	9.24	196	354309	38.904	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	376550	39.115	ng		97
46) 1,1'-Biphenyl	9.43	154	1532931	37.406	ng		98
47) 2-Chloronaphthalene	9.46	162	1140329	37.934	ng		98
48) 2-Nitroaniline	9.55	65	368589	40.463	ng		98
49) Acenaphthylene	9.87	152	1641187	37.800	ng		97
50) Dimethylphthalate	9.73	163	1283841	38.378	ng		100
51) 2,6-Dinitrotoluene	9.80	165	295376	40.991	ng		86
52) Acenaphthene	10.05	154	1103541	38.420	ng		98
53) 3-Nitroaniline	9.97	138	335016	39.096	ng		94
54) 2,4-Dinitrophenol	10.07	184	115112	42.822	ng		92
55) Dibenzofuran	10.22	168	1508576	37.513	ng		97
56) 4-Nitrophenol	10.12	139	259419	40.904	ng		95
57) 2,4-Dinitrotoluene	10.20	165	381929	41.729	ng		92
58) Fluorene	10.56	166	1108792	37.046	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	305337	38.913	ng		93
60) Diethylphthalate	10.43	149	1240675	37.993	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	584594	37.026	ng		99
62) 4-Nitroaniline	10.59	138	337879	39.644	ng		94
63) Azobenzene	10.71	77	1226945	37.853	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	154604	40.316	ng		90
66) n-Nitrosodiphenylamine	10.67	169	1065567	38.705	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	357673	39.285	ng		98
68) Hexachlorobenzene	11.11	284	375841	38.906	ng	#	92
69) Atrazine	11.20	200	335555	38.568	ng		100
70) Pentachlorophenol	11.30	266	246643	43.786	ng		97
71) Phenanthrene	11.53	178	1650213	37.574	ng		98
72) Anthracene	11.58	178	1679068	38.142	ng		100
73) Carbazole	11.73	167	1615449	37.584	ng		99
74) Di-n-butylphthalate	12.05	149	1850509	38.120	ng		99
75) Fluoranthene	12.72	202	1648189	36.978	ng		98
77) Benzidine	12.84	184	687022	39.410	ng		97
78) Pyrene	12.95	202	1696040	40.565	ng		99
80) Butylbenzylphthalate	13.56	149	753799	41.538	ng		99
81) Benzo(a)anthracene	14.14	228	1355038	39.180	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	445846	37.021	ng		99
83) Chrysene	14.18	228	1255664	38.226	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	989315	40.328	ng		95
85) Di-n-octyl phthalate	14.73	149	1509290	39.567	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	1044000	38.310	ng		95
88) Benzo(b)fluoranthene	15.22	252	1096106	40.496	ng		98
89) Benzo(k)fluoranthene	15.25	252	999598	37.565	ng		98
90) Benzo(a)pyrene	15.60	252	966350	38.799	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	867207	40.353	ng		99
92) Benzo(g,h,i)perylene	17.70	276	868816	41.026	ng	#	96

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

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