Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104397.D
Acq On : 10 Apr 2018 9:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 10 12:12:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 12:04:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146329	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	605566	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	278196	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	501411	20.00	ng		0.00
75) Chrysene-d12	13.99	240	394193	20.00	ng		0.00
86) Perylene-d12	15.44	264	360563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	709513	74.14	ng		0.00
7) Phenol-d6	6.44	99	884707	75.24	ng		0.00
23) Nitrobenzene-d5	7.37	82	778801	83.98	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	226417	78.46	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1317674	74.82	ng		0.00
78) Terphenyl-d14	12.93	244	1227798	71.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	171327	38.421	ng		89
3) Pyridine	3.27	79	474785	37.870	ng		88
4) n-Nitrosodimethylamine	3.24	42	158081	36.071	ng		80
6) Aniline	6.47	93	613719	37.568	ng		97
8) 2-Chlorophenol	6.59	128	386204	38.235	ng		95
9) Benzaldehyde	6.36	77	227003	37.333	ng		99
10) Phenol	6.45	94	506838	40.625	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	378914	38.059	ng		98
12) 1,3-Dichlorobenzene	6.75	146	435873	38.091	ng		98
13) 1,4-Dichlorobenzene	6.83	146	433894	38.038	ng		98
14) 1,2-Dichlorobenzene	6.98	146	406097	38.418	ng		99
15) Benzyl Alcohol	6.95	79	332624	37.245	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	493869	36.938	ng		92
17) 2-Methylphenol	7.06	107	338387	38.540	ng		98
18) Hexachloroethane	7.32	117	156988	38.601	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	272435	35.457	ng		94
20) 3+4-Methylphenols	7.22	107	405183	37.209	ng	#	79
22) Acetophenone	7.22	105	538694	36.133	ng		99
24) Nitrobenzene	7.40	77	416265	40.655	ng		95
25) Isophorone	7.63	82	714741	36.446	ng		98
26) 2-Nitrophenol	7.71	139	207553	49.793	ng		95
27) 2,4-Dimethylphenol	7.75	122	323047	37.325	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	444660	37.085	ng		100
29) 2,4-Dichlorophenol	7.95	162	314623	38.099	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	344363	37.997	ng		97
31) Naphthalene	8.12	128	1128494	37.424	ng		100
32) Benzoic acid	7.87	122	243946	35.326	ng		97
33) 4-Chloroaniline	8.16	127	483367	37.417	ng		98
34) Hexachlorobutadiene	8.23	225	190451	38.366	ng		99
35) Caprolactam	8.55	113	108047	37.506	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	334523	37.779	ng		98
37) 2-Methylnaphthalene	8.80	142	723497	37.093	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309050	38.808	ng		100
40) Hexachlorocyclopentadiene	8.96	237	180877	40.571	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218756	39.571	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	242910	39.266	ng		96
45) 1,1'-Biphenyl	9.27	154	877244	37.537	ng		99
46) 2-Chloronaphthalene	9.30	162	703617	38.116	ng		99
47) 2-Nitroaniline	9.39	65	215413	47.187	ng		98
48) Acenaphthylene	9.71	152	1090870	37.665	ng		100
49) Dimethylphthalate	9.57	163	817913	37.283	ng		99
50) 2,6-Dinitrotoluene	9.64	165	183401	45.180	ng	#	86
51) Acenaphthene	9.89	154	677551	38.342	ng		99
52) 3-Nitroaniline	9.80	138	215612	45.370	ng		99
53) 2,4-Dinitrophenol	9.91	184	81895	56.950	ng	#	19
54) Dibenzofuran	10.06	168	910954	36.991	ng		98
55) 4-Nitrophenol	9.96	139	162287	43.473	ng		97
56) 2,4-Dinitrotoluene	10.04	165	241191	45.296	ng		94
57) Fluorene	10.40	166	690502	38.522	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	177571	38.475	ng		95
59) Diethylphthalate	10.27	149	788498	36.089	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	314584	39.407	ng		96
61) 4-Nitroaniline	10.42	138	207159	44.582	ng		96
62) Azobenzene	10.55	77	745368	35.708	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	123949	50.336	ng		93
65) n-Nitrosodiphenylamine	10.51	169	648987	37.330	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	199568	37.418	ng		96
67) Hexachlorobenzene	10.95	284	228948	38.150	ng		93
68) Atrazine	11.04	200	193657	36.904	ng		100
69) Pentachlorophenol	11.14	266	145951	39.312	ng		97
70) Phenanthrene	11.36	178	1026707	36.769	ng		99
71) Anthracene	11.42	178	1033804	36.422	ng		99
72) Carbazole	11.57	167	1013573	36.543	ng		100
73) Di-n-butylphthalate	11.90	149	1210978	35.741	ng		99
74) Fluoranthene	12.55	202	1058324	36.276	ng		99
76) Benzidine	12.67	184	484087	34.908	ng		99
77) Pyrene	12.78	202	1089705	37.294	ng		99
79) Butylbenzylphthalate	13.40	149	513250	37.285	ng		95
80) Benzo(a)anthracene	13.97	228	885955	37.621	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	331485	37.752	ng		96
82) Chrysene	14.01	228	886078	36.632	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	671310	37.915	ng		99
84) Di-n-octyl phthalate	14.58	149	1094494	36.995	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	789333	38.414	ng		98
87) Benzo(b)fluoranthene	15.02	252	884747	38.851	ng		96
88) Benzo(k)fluoranthene	15.06	252	756744	35.199	ng		98
89) Benzo(a)pyrene	15.39	252	765942	37.591	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	645716	38.586	ng		98
91) Benzo(g,h,i)perylene	17.34	276	630151	38.867	ng		96

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

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