Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103324.D
Acq On : 1 Mar 2018 9:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/2/2018 3:30:13 PM

Quant Time: Mar 01 12:44:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169120	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	708071	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	321112	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	529943	20.00	ng		0.00
75) Chrysene-d12	14.06	240	364354	20.00	ng		0.00
86) Perylene-d12	15.56	264	316321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	867502	77.58	ng		0.00
7) Phenol-d6	6.52	99	1069182	78.14	ng		0.00
23) Nitrobenzene-d5	7.45	82	999220	80.59	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	195305	71.86	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1368135	70.43	ng		0.00
78) Terphenyl-d14	12.99	244	1094187	72.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	231100	39.130	ng		94
3) Pyridine	3.44	79	668203	42.380	ng		98
4) n-Nitrosodimethylamine	3.39	42	297080	46.719	ng		90
6) Aniline	6.55	93	788986	39.954	ng		95
8) 2-Chlorophenol	6.66	128	449662	38.710	ng		91
9) Benzaldehyde	6.43	77	378844	48.586	ng		98
10) Phenol	6.53	94	616285	38.798	ng		87
11) bis(2-Chloroethyl)ether	6.61	93	491348	40.756	ng		89
12) 1,3-Dichlorobenzene	6.82	146	508547	38.309	ng		96
13) 1,4-Dichlorobenzene	6.89	146	504919	37.938	ng		98
14) 1,2-Dichlorobenzene	7.05	146	460940	37.560	ng		99
15) Benzyl Alcohol	7.02	79	407557	39.528	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	785672	37.951	ng		90
17) 2-Methylphenol	7.13	107	403876	38.259	ng	#	95
18) Hexachloroethane	7.39	117	192669	39.766	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	337578	39.642	ng		95
20) 3+4-Methylphenols	7.29	107	470179	36.538	ng	#	70
22) Acetophenone	7.29	105	636559	38.515	ng	#	89
24) Nitrobenzene	7.46	77	547267	40.090	ng		94
25) Isophorone	7.70	82	986390	40.394	ng		96
26) 2-Nitrophenol	7.78	139	266555	41.478	ng		97
27) 2,4-Dimethylphenol	7.81	122	369135	37.579	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	549527	38.275	ng		99
29) 2,4-Dichlorophenol	8.02	162	358128	38.080	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	373714	37.316	ng		98
31) Naphthalene	8.18	128	1259435	36.331	ng		99
32) Benzoic acid	7.96	122	304711m	42.703	ng		
33) 4-Chloroaniline	8.23	127	564131	37.712	ng		98
34) Hexachlorobutadiene	8.29	225	193576	37.118	ng		98
35) Caprolactam	8.62	113	128748	38.952	ng	#	79
36) 4-Chloro-3-methylphenol	8.72	107	402005	37.898	ng		99
37) 2-Methylnaphthalene	8.87	142	820759	36.635	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	321595	36.634	ng		98
40) Hexachlorocyclopentadiene	9.02	237	90565	34.901	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	222997	37.752	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	248892	36.635	ng		97
45) 1,1'-Biphenyl	9.34	154	981388	36.472	ng		98
46) 2-Chloronaphthalene	9.36	162	783232	36.793	ng		100
47) 2-Nitroaniline	9.46	65	307352	38.978	ng		87
48) Acenaphthylene	9.78	152	1174027	35.845	ng		99
49) Dimethylphthalate	9.63	163	932612	36.204	ng		99
50) 2,6-Dinitrotoluene	9.71	165	203794	37.699	ng		97
51) Acenaphthene	9.95	154	684295	35.829	ng		99
52) 3-Nitroaniline	9.88	138	255440	37.244	ng	#	99
53) 2,4-Dinitrophenol	9.99	184	58187	35.836	ng	#	17
54) Dibenzofuran	10.13	168	946842	36.115	ng		98
55) 4-Nitrophenol	10.05	139	159092	37.427	ng		90
56) 2,4-Dinitrotoluene	10.12	165	244543	35.768	ng	#	89
57) Fluorene	10.47	166	765653	34.282	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	166167	36.410	ng		97
59) Diethylphthalate	10.33	149	883348	35.854	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	341639	36.072	ng		96
61) 4-Nitroaniline	10.50	138	254597	37.165	ng		95
62) Azobenzene	10.62	77	931315	37.137	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	120349	38.424	ng		91
65) n-Nitrosodiphenylamine	10.58	169	692285	37.518	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	211563	38.324	ng		97
67) Hexachlorobenzene	11.02	284	224113	37.403	ng		94
68) Atrazine	11.10	200	206474	37.229	ng		99
69) Pentachlorophenol	11.22	266	96027	33.145	ng		99
70) Phenanthrene	11.43	178	1054627	36.161	ng		99
71) Anthracene	11.49	178	1090263	36.456	ng		100
72) Carbazole	11.64	167	1089030	36.567	ng		99
73) Di-n-butylphthalate	11.96	149	1391643	37.344	ng		99
74) Fluoranthene	12.63	202	1051291	35.872	ng		98
76) Benzidine	12.74	184	554508	40.708	ng		99
77) Pyrene	12.86	202	1068536	37.615	ng		100
79) Butylbenzylphthalate	13.46	149	586885	39.103	ng		99
80) Benzo(a)anthracene	14.05	228	883083	37.354	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	304815	36.129	ng		97
82) Chrysene	14.09	228	841679	36.667	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	762683	37.656	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1288085	39.362	ng		99
85) Indeno(1,2,3-cd)pyrene	17.10	276	648285	35.674	ng		98
87) Benzo(b)fluoranthene	15.12	252	823993m	39.619	ng		
88) Benzo(k)fluoranthene	15.15	252	696422	35.560	ng		99
89) Benzo(a)pyrene	15.50	252	694348	37.386	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	540869	37.688	ng		99
91) Benzo(g,h,i)perylene	17.56	276	541510	38.608	ng		98

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

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