Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105142.D
Acq On : 8 May 2018 13:00
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:40 PM

Quant Time: May 08 14:50:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	198395	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	808944	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	392804	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	754535	20.00	ng		0.00
75) Chrysene-d12	14.04	240	543302	20.00	ng		0.02
86) Perylene-d12	15.62	264	498427	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1209835	93.24	ng		0.00
7) Phenol-d6	6.42	99	1445482	90.67	ng		0.00
23) Nitrobenzene-d5	7.36	82	1255302	101.33	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	451006	110.69	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2307962	92.82	ng		0.00
78) Terphenyl-d14	12.92	244	2301596	96.58	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	309207	51.144	ng		87
3) Pyridine	3.25	79	855058	50.303	ng	#	84
4) n-Nitrosodimethylamine	3.22	42	443255	74.598	ng		85
6) Aniline	6.46	93	1037923	46.862	ng		95
8) 2-Chlorophenol	6.58	128	649271	47.410	ng		96
9) Benzaldehyde	6.35	77	531519	66.813	ng		99
10) Phenol	6.44	94	786082	46.472	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	643309	47.658	ng		95
12) 1,3-Dichlorobenzene	6.74	146	750356	48.365	ng		98
13) 1,4-Dichlorobenzene	6.82	146	736585	47.628	ng		98
14) 1,2-Dichlorobenzene	6.97	146	682062	47.591	ng		97
15) Benzyl Alcohol	6.94	79	556488	45.959	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1195221	65.933	ng		97
17) 2-Methylphenol	7.05	107	557121	46.800	ng		98
18) Hexachloroethane	7.31	117	252430	45.779	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	478253	45.909	ng		89
20) 3+4-Methylphenols	7.20	107	644609	43.661	ng	#	72
22) Acetophenone	7.21	105	887465	44.561	ng	#	93
24) Nitrobenzene	7.38	77	696590	50.929	ng		96
25) Isophorone	7.62	82	1316756	50.263	ng		99
26) 2-Nitrophenol	7.69	139	272006	48.850	ng		94
27) 2,4-Dimethylphenol	7.73	122	608841	52.660	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	804146	50.205	ng		99
29) 2,4-Dichlorophenol	7.93	162	566554	51.358	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	610622	50.437	ng		99
31) Naphthalene	8.10	128	1817196	45.113	ng		99
32) Benzoic acid	7.85	122	365475m	39.618	ng		
33) 4-Chloroaniline	8.15	127	786381	45.569	ng		99
34) Hexachlorobutadiene	8.22	225	355037	53.540	ng		99
35) Caprolactam	8.53	113	177601m	46.150	ng		
36) 4-Chloro-3-methylphenol	8.63	107	573898	48.517	ng		96
37) 2-Methylnaphthalene	8.79	142	1274080	48.898	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	602174	53.554	ng		98
40) Hexachlorocyclopentadiene	8.94	237	365981	58.139	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	397298	50.899	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	407433	46.645	ng		95
45) 1,1'-Biphenyl	9.26	154	1513112	45.854	ng		99
46) 2-Chloronaphthalene	9.28	162	1148883	44.079	ng		97
47) 2-Nitroaniline	9.37	65	348717	54.100	ng		86
48) Acenaphthylene	9.70	152	1808155	44.215	ng		98
49) Dimethylphthalate	9.56	163	1354801	43.738	ng		99
50) 2,6-Dinitrotoluene	9.62	165	306821	53.531	ng		94
51) Acenaphthene	9.87	154	1149495	46.070	ng		98
52) 3-Nitroaniline	9.79	138	327276	48.773	ng		94
53) 2,4-Dinitrophenol	9.89	184	97135	55.750	ng	#	19
54) Dibenzofuran	10.04	168	1667117	47.944	ng		100
55) 4-Nitrophenol	9.94	139	267138	50.681	ng		98
56) 2,4-Dinitrotoluene	10.02	165	391589	52.085	ng		97
57) Fluorene	10.38	166	1183539	46.763	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	367004	56.319	ng	#	87
59) Diethylphthalate	10.26	149	1341575	43.488	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	566834	50.289	ng		93
61) 4-Nitroaniline	10.40	138	320948	48.918	ng		97
62) Azobenzene	10.53	77	1323768	44.914	ng		94
64) 4,6-Dinitro-2-methylphenol	10.43	198	147260	44.923	ng		89
65) n-Nitrosodiphenylamine	10.50	169	1129071	43.157	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	394696	49.178	ng		91
67) Hexachlorobenzene	10.93	284	444652	49.237	ng	#	84
68) Atrazine	11.02	200	370432	46.909	ng		97
69) Pentachlorophenol	11.12	266	270430	48.404	ng		99
70) Phenanthrene	11.34	178	1860579	44.279	ng		98
71) Anthracene	11.40	178	1918507	44.916	ng		99
72) Carbazole	11.55	167	1738276	41.647	ng		98
73) Di-n-butylphthalate	11.89	149	1953240	38.309	ng		99
74) Fluoranthene	12.53	202	1984071	45.193	ng		98
76) Benzidine	12.66	184	1095375	58.248	ng		95
77) Pyrene	12.77	202	1990891	49.437	ng		99
79) Butylbenzylphthalate	13.42	149	748337	39.443	ng		98
80) Benzo(a)anthracene	14.02	228	1661030	51.176	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	650605	53.761	ng	#	96
82) Chrysene	14.07	228	1701049	51.023	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	904018	37.045	ng		98
84) Di-n-octyl phthalate	14.74	149	1604599	39.352	ng		95
85) Indeno(1,2,3-cd)pyrene	17.07	276	1345561	47.511	ng		94
87) Benzo(b)fluoranthene	15.19	252	1534043	48.731	ng		98
88) Benzo(k)fluoranthene	15.22	252	1515814	51.004	ng		98
89) Benzo(a)pyrene	15.56	252	1428574	50.719	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	1103630	47.708	ng		96
91) Benzo(g,h,i)perylene	17.52	276	1119335	49.943	ng		94

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

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