Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087648.D
Acq On : 4 Jun 2016 3:21
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
SOHIL
6/6/2016 7:17:51 PM

Quant Time: Jun 04 11:06:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117779	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	452885	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	223860	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	397786	20.00	ng		0.00
75) Chrysene-d12	14.02	240	310114	20.00	ng		0.00
86) Perylene-d12	15.44	264	254839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	731844	107.99	ng		0.00
7) Phenol-d6	6.49	99	998336	109.65	ng		0.00
23) Nitrobenzene-d5	7.44	82	995691	114.39	ng		0.01
41) 2,4,6-Tribromophenol	10.70	330	261381	122.15	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1477632	93.19	ng		0.00
78) Terphenyl-d14	12.97	244	1330242	94.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	208034	58.40	ng	#	27
3) Pyridine	3.20	79	539827	68.08	ng		99
4) n-Nitrosodimethylamine	3.16	42	236568	42.21	ng		99
6) Aniline	6.52	93	736166	62.19	ng		97
8) 2-Chlorophenol	6.65	128	488621	58.91	ng		86
9) Benzaldehyde	6.41	77	333331	62.26	ng		92
10) Phenol	6.50	94	510984	49.97	ng		84
11) bis(2-Chloroethyl)ether	6.60	93	448293	56.98	ng		92
12) 1,3-Dichlorobenzene	6.80	146	490582	54.35	ng		98
13) 1,4-Dichlorobenzene	6.88	146	468535	50.38	ng		98
14) 1,2-Dichlorobenzene	7.04	146	490611	56.99	ng		96
15) Benzyl Alcohol	7.00	79	362219	54.82	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	639011	37.49	ng		94
17) 2-Methylphenol	7.12	107	375774	56.01	ng		97
18) Hexachloroethane	7.38	117	184896	53.51	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	299059	45.64	ng		97
20) 3+4-Methylphenols	7.28	107	459431	57.52	ng	#	83
22) Acetophenone	7.28	105	527644	48.82	ng	#	83
24) Nitrobenzene	7.45	77	432329	46.60	ng		88
25) Isophorone	7.70	82	867322	54.86	ng		96
26) 2-Nitrophenol	7.77	139	256203	67.71	ng	#	74
27) 2,4-Dimethylphenol	7.80	122	435076	63.45	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	559773	61.92	ng		98
29) 2,4-Dichlorophenol	8.01	162	386165	64.11	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	369088	53.72	ng		98
31) Naphthalene	8.17	128	1199985	53.04	ng		100
32) Benzoic acid	7.94	122	264261	75.68	ng		99
33) 4-Chloroaniline	8.22	127	549061	64.99	ng		98
34) Hexachlorobutadiene	8.30	225	205997	50.13	ng		99
35) Caprolactam	8.62	113	134398	74.84	ng	#	77
36) 4-Chloro-3-methylphenol	8.71	107	414513	61.18	ng		86
37) 2-Methylnaphthalene	8.87	142	891711	62.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	314007	44.66	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	209673	85.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	261003	62.40	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	218242	51.18	ng	#	91
45) 1,1'-Biphenyl	9.34	154	1043103	55.88	ng		95
46) 2-Chloronaphthalene	9.36	162	817952	57.31	ng		93
47) 2-Nitroaniline	9.45	65	269429	54.15	ng	#	72
48) Acenaphthylene	9.77	152	1294322	56.80	ng		99
49) Dimethylphthalate	9.63	163	843199	47.29	ng		99
50) 2,6-Dinitrotoluene	9.69	165	188021	51.16	ng	#	61
51) Acenaphthene	9.94	154	783858	55.30	ng		99
52) 3-Nitroaniline	9.86	138	262963	70.87	ng		92
53) 2,4-Dinitrophenol	9.96	184	103500	67.59	ng	#	62
54) Dibenzofuran	10.11	168	1128579	58.52	ng		91
55) 4-Nitrophenol	10.01	139	202425	102.22	ng		93
56) 2,4-Dinitrotoluene	10.09	165	245413	50.45	ng	#	62
57) Fluorene	10.46	166	847435	52.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	219177	67.21	ng	#	51
59) Diethylphthalate	10.33	149	841244	48.69	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	311901	40.04	ng		95
61) 4-Nitroaniline	10.48	138	260546	73.29	ng		97
62) Azobenzene	10.60	77	881282	50.01	ng		96
65) n-Nitrosodiphenylamine	10.57	169	804071	62.88	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	222192	51.27	ng	#	87
67) Hexachlorobenzene	10.99	284	253223	56.38	ng		93
68) Atrazine	11.10	200	231055	56.64	ng		93
69) Pentachlorophenol	11.19	266	165056	113.08	ng		100
70) Phenanthrene	11.42	178	1284205	59.02	ng		99
71) Anthracene	11.46	178	1092012	48.78	ng		99
72) Carbazole	11.61	167	1227718	64.60	ng		99
73) Di-n-butylphthalate	11.95	149	1190509	49.19	ng		99
74) Fluoranthene	12.59	202	1107240	50.36	ng		97
76) Benzidine	12.72	184	682743	77.10	ng		99
77) Pyrene	12.82	202	1139944	51.17	ng		99
79) Butylbenzylphthalate	13.45	149	578074	58.78	ng		90
80) Benzo(a)anthracene	14.01	228	926545	52.43	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	309129	33.70	ng	#	97
82) Chrysene	14.05	228	931707	52.94	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	622966	44.42	ng		100
84) Di-n-octyl phthalate	14.63	149	1222610	56.45	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	885901	62.76	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	891233	55.13	ng	#	97
88) Benzo(k)fluoranthene	15.07	252	862007m	60.96	ng		
89) Benzo(a)pyrene	15.39	252	852026	60.39	ng	#	94
90) Dibenzo(a,h)anthracene	16.87	278	734590	61.35	ng		98
91) Benzo(g,h,i)perylene	17.27	276	745106	62.86	ng		99

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

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