Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086213.D
Acq On : 15 Apr 2016 13:25
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
4/18/2016 7:25:58 PM

Quant Time: Apr 15 14:05:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 13:20:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	277897	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1118314	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	504720	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	892445	20.00	ng		0.00
75) Chrysene-d12	14.05	240	551022	20.00	ng		0.00
86) Perylene-d12	15.48	264	447566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1417990	41.93	ng		0.00
7) Phenol-d6	6.52	99	1866095	43.54	ng		0.00
23) Nitrobenzene-d5	7.46	82	1820870	46.40	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	382629	43.07	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2430914	38.83	ng		0.00
78) Terphenyl-d14	13.00	244	1932751	42.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	438669	49.75	ng		98
3) Pyridine	3.24	79	1110316	48.86	ng		95
4) n-Nitrosodimethylamine	3.18	42	434438	41.04	ng	#	71
6) Aniline	6.56	93	1423676	46.21	ng		100
8) 2-Chlorophenol	6.68	128	887671	45.64	ng	#	80
9) Benzaldehyde	6.44	77	720025	61.64	ng		95
10) Phenol	6.53	94	1191756	44.18	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	934762	49.06	ng		94
12) 1,3-Dichlorobenzene	6.84	146	923353m	43.21	ng		
13) 1,4-Dichlorobenzene	6.91	146	859904	40.10	ng		97
14) 1,2-Dichlorobenzene	7.07	146	815019	40.93	ng		96
15) Benzyl Alcohol	7.04	79	694300	44.23	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1456394	47.23	ng		100
17) 2-Methylphenol	7.15	107	771268	47.98	ng		95
18) Hexachloroethane	7.41	117	345893	44.94	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	639233	45.66	ng		97
20) 3+4-Methylphenols	7.30	107	758112	42.55	ng		95
22) Acetophenone	7.31	105	1018278	39.11	ng		96
24) Nitrobenzene	7.48	77	1017362	47.31	ng		97
25) Isophorone	7.72	82	1806535	47.32	ng		98
26) 2-Nitrophenol	7.80	139	484844	56.64	ng	#	68
27) 2,4-Dimethylphenol	7.84	122	880799	48.69	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	1066317	48.68	ng		98
29) 2,4-Dichlorophenol	8.03	162	671744	47.20	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	642640	40.99	ng		99
31) Naphthalene	8.20	128	2252089	42.73	ng		100
32) Benzoic acid	7.95	122	642055	60.27	ng		99
33) 4-Chloroaniline	8.25	127	978330	45.28	ng		98
34) Hexachlorobutadiene	8.33	225	335601	40.53	ng		98
35) Caprolactam	8.64	113	271001	56.90	ng		90
36) 4-Chloro-3-methylphenol	8.73	107	729462	45.14	ng		94
37) 2-Methylnaphthalene	8.90	142	1502746	44.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	514405	38.95	ng		98
40) Hexachlorocyclopentadiene	9.05	237	284328	42.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	465744	45.78	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	477758	47.15	ng	#	91
45) 1,1'-Biphenyl	9.36	154	1679679	42.55	ng		99
46) 2-Chloronaphthalene	9.38	162	1389302	43.02	ng		99
47) 2-Nitroaniline	9.47	65	473933	51.07	ng		99
48) Acenaphthylene	9.80	152	2291165	46.75	ng		100
49) Dimethylphthalate	9.66	163	1625757	43.29	ng		100
50) 2,6-Dinitrotoluene	9.72	165	408607	51.39	ng	#	85
51) Acenaphthene	9.97	154	1347424	42.31	ng		100
52) 3-Nitroaniline	9.88	138	499839	54.48	ng		99
53) 2,4-Dinitrophenol	9.98	184	148282	64.25	ng		92
54) Dibenzofuran	10.14	168	1832517	46.83	ng		96
55) 4-Nitrophenol	10.03	139	383479	57.37	ng		94
56) 2,4-Dinitrotoluene	10.12	165	550797	54.14	ng	#	87
57) Fluorene	10.49	166	1279099	40.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	333786	46.90	ng		98
59) Diethylphthalate	10.36	149	1665225	43.59	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	502112	33.83	ng		95
61) 4-Nitroaniline	10.50	138	409156	47.28	ng		92
62) Azobenzene	10.64	77	1718186	44.94	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	222266	64.98	ng		96
65) n-Nitrosodiphenylamine	10.59	169	1272369	46.26	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	370024	41.57	ng	#	91
67) Hexachlorobenzene	11.02	284	408582	40.82	ng		95
68) Atrazine	11.13	200	422978	52.01	ng		94
69) Pentachlorophenol	11.22	266	268829	51.07	ng		99
70) Phenanthrene	11.45	178	2066850	44.34	ng		99
71) Anthracene	11.49	178	1822859	39.59	ng		100
72) Carbazole	11.64	167	1868954	44.76	ng		99
73) Di-n-butylphthalate	11.98	149	2293135	46.64	ng		99
74) Fluoranthene	12.62	202	1799083	41.77	ng		98
76) Benzidine	12.75	184	1169269	61.72	ng		99
77) Pyrene	12.85	202	1893688	45.80	ng		99
79) Butylbenzylphthalate	13.48	149	1027261	61.24	ng		87
80) Benzo(a)anthracene	14.04	228	1383389	45.37	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	765868	38.20	ng		99
82) Chrysene	14.08	228	1391729	43.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	991482	50.33	ng	#	98
84) Di-n-octyl phthalate	14.65	149	2080449	57.60	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1332751	52.83	ng		96
87) Benzo(b)fluoranthene	15.07	252	1202279m	44.24	ng		
88) Benzo(k)fluoranthene	15.11	252	1303893m	50.94	ng		
89) Benzo(a)pyrene	15.43	252	1160092	48.67	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	1090479	51.42	ng		100
91) Benzo(g,h,i)perylene	17.32	276	1178573	53.45	ng		95

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

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