Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086302.D
Acq On : 20 Apr 2016 11:14
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
4/21/2016 7:07:41 PM

Quant Time: Apr 20 12:52:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 12:38:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276994	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1130058	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	507527	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	843286	20.00	ng		0.00
75) Chrysene-d12	14.02	240	486255	20.00	ng		0.00
86) Perylene-d12	15.44	264	482871	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	838605	49.60	ng		-0.01
7) Phenol-d6	6.49	99	1073973	50.79	ng		-0.01
23) Nitrobenzene-d5	7.42	82	1025217	52.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	220933	54.21	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1605890	58.39	ng		0.00
78) Terphenyl-d14	12.97	244	1098339	56.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	213548	22.91	ng		96
3) Pyridine	3.21	79	538220	22.14	ng		97
4) n-Nitrosodimethylamine	3.14	42	185167	21.08	ng	#	63
6) Aniline	6.52	93	742833	24.37	ng		97
8) 2-Chlorophenol	6.65	128	489643	25.60	ng		83
9) Benzaldehyde	6.41	77	400194	26.68	ng		96
10) Phenol	6.50	94	617999	24.54	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	528883	27.92	ng		95
12) 1,3-Dichlorobenzene	6.81	146	527883m	26.01	ng		
13) 1,4-Dichlorobenzene	6.88	146	571375	29.56	ng		96
14) 1,2-Dichlorobenzene	7.04	146	517560	30.16	ng		98
15) Benzyl Alcohol	7.00	79	349580	23.30	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	769548	26.07	ng		91
17) 2-Methylphenol	7.12	107	412687	25.90	ng		98
18) Hexachloroethane	7.38	117	182781	25.06	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	316504	23.39	ng	#	86
20) 3+4-Methylphenols	7.28	107	466228	26.12	ng	#	66
22) Acetophenone	7.28	105	647066	27.20	ng	#	93
24) Nitrobenzene	7.45	77	582202	27.18	ng		99
25) Isophorone	7.69	82	971537	24.99	ng		99
26) 2-Nitrophenol	7.77	139	254709	27.27	ng	#	75
27) 2,4-Dimethylphenol	7.80	122	481720	25.54	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	572443	25.04	ng		98
29) 2,4-Dichlorophenol	8.01	162	392553	27.37	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	404693	26.97	ng		98
31) Naphthalene	8.17	128	1451996	28.77	ng		99
32) Benzoic acid	7.90	122	252467	20.94	ng		98
33) 4-Chloroaniline	8.22	127	585640	25.96	ng	#	93
34) Hexachlorobutadiene	8.29	225	209423	27.85	ng		99
35) Caprolactam	8.58	113	117608	22.65	ng	#	62
36) 4-Chloro-3-methylphenol	8.70	107	426201	25.65	ng		94
37) 2-Methylnaphthalene	8.86	142	884334	27.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	345696	29.36	ng		97
40) Hexachlorocyclopentadiene	9.01	237	93623	15.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	252484	25.25	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	261658	27.09	ng	#	82
45) 1,1'-Biphenyl	9.32	154	1024486	28.04	ng		98
46) 2-Chloronaphthalene	9.36	162	834225	27.97	ng		92
47) 2-Nitroaniline	9.45	65	268605	27.80	ng	#	77
48) Acenaphthylene	9.77	152	1336170	28.15	ng		99
49) Dimethylphthalate	9.63	163	1009087	27.34	ng		99
50) 2,6-Dinitrotoluene	9.69	165	216192	26.48	ng		90
51) Acenaphthene	9.94	154	786709	27.75	ng		99
52) 3-Nitroaniline	9.86	138	265107	26.72	ng	#	79
53) 2,4-Dinitrophenol	9.96	184	35088	13.43	ng	#	53
54) Dibenzofuran	10.11	168	1054990	28.17	ng		98
55) 4-Nitrophenol	10.01	139	160063	20.62	ng		87
56) 2,4-Dinitrotoluene	10.09	165	274682	26.28	ng	#	86
57) Fluorene	10.45	166	806419	25.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	194401	27.71	ng		94
59) Diethylphthalate	10.33	149	1001171	26.28	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	354003	27.58	ng		96
61) 4-Nitroaniline	10.46	138	246712	28.77	ng		87
62) Azobenzene	10.60	77	987216	26.49	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	58170	14.49	ng		91
65) n-Nitrosodiphenylamine	10.56	169	725436	28.09	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	229880	29.25	ng		94
67) Hexachlorobenzene	10.99	284	228147	27.70	ng		95
68) Atrazine	11.08	200	205895	26.02	ng		98
69) Pentachlorophenol	11.18	266	120343	24.10	ng		98
70) Phenanthrene	11.41	178	1074649	26.68	ng		99
71) Anthracene	11.46	178	1119238	25.46	ng		98
72) Carbazole	11.62	167	1062829	27.75	ng		96
73) Di-n-butylphthalate	11.95	149	1426280	27.54	ng		99
74) Fluoranthene	12.59	202	944593	22.90	ng		99
76) Benzidine	12.72	184	570733	30.26	ng		97
77) Pyrene	12.82	202	926337	24.83	ng		98
79) Butylbenzylphthalate	13.45	149	502574	29.16	ng		98
80) Benzo(a)anthracene	14.01	228	635453	23.81	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	462447	29.89	ng		99
82) Chrysene	14.04	228	720753	25.32	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	603208	32.42	ng		100
84) Di-n-octyl phthalate	14.61	149	1062570	29.63	ng		96
85) Indeno(1,2,3-cd)pyrene	16.83	276	698724	29.87	ng		97
87) Benzo(b)fluoranthene	15.04	252	762975m	25.61	ng		
88) Benzo(k)fluoranthene	15.06	252	624027m	22.97	ng		
89) Benzo(a)pyrene	15.38	252	673118	26.08	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	590247	25.88	ng		98
91) Benzo(g,h,i)perylene	17.25	276	557895	23.01	ng		97

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

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