Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086672.D
Acq On : 4 May 2016 12:45
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
5/5/2016 3:18:49 PM

Quant Time: May 04 13:34:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 13:25:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156249	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	646066	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	309790	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	538175	20.00	ng		0.00
75) Chrysene-d12	13.88	240	342369	20.00	ng		0.00
86) Perylene-d12	15.27	264	285771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	794296	87.68	ng		0.00
7) Phenol-d6	6.37	99	1026891	81.22	ng		0.00
23) Nitrobenzene-d5	7.31	82	1016853	84.84	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	258614	79.16	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1515447	82.79	ng		0.00
78) Terphenyl-d14	12.84	244	1461118	94.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	196293	41.25	ng	#	76
3) Pyridine	2.93	79	523357	46.47	ng	#	65
4) n-Nitrosodimethylamine	2.89	42	298160	46.45	ng	#	54
6) Aniline	6.40	93	635462	41.54	ng	#	53
8) 2-Chlorophenol	6.52	128	461502	40.90	ng		96
9) Benzaldehyde	6.28	77	223391	30.37	ng		98
10) Phenol	6.40	94	568290	40.29	ng	#	45
11) bis(2-Chloroethyl)ether	6.48	93	453837	37.22	ng		86
12) 1,3-Dichlorobenzene	6.67	146	466621m	38.45	ng		
13) 1,4-Dichlorobenzene	6.75	146	478236m	38.19	ng		
14) 1,2-Dichlorobenzene	6.91	146	459084	39.98	ng		99
15) Benzyl Alcohol	6.89	79	349740	43.73	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	928837	38.05	ng		88
17) 2-Methylphenol	7.00	107	353924	38.81	ng	#	93
18) Hexachloroethane	7.25	117	189959	40.60	ng	#	87
19) n-Nitroso-di-n-propylamine	7.16	70	317636	38.01	ng	#	70
20) 3+4-Methylphenols	7.16	107	434246	41.71	ng	#	82
22) Acetophenone	7.15	105	621958	43.90	ng	#	90
24) Nitrobenzene	7.32	77	501893	40.71	ng		94
25) Isophorone	7.57	82	930812	40.35	ng		95
26) 2-Nitrophenol	7.64	139	236997	41.75	ng	#	77
27) 2,4-Dimethylphenol	7.69	122	398737	40.03	ng		90
28) bis(2-Chloroethoxy)methane	7.78	93	482467	38.39	ng		98
29) 2,4-Dichlorophenol	7.89	162	345824	41.15	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	397108	40.73	ng		98
31) Naphthalene	8.04	128	1252162	38.09	ng		99
32) Benzoic acid	7.80	122	145832	28.23	ng	#	83
33) 4-Chloroaniline	8.10	127	512279	41.61	ng	#	92
34) Hexachlorobutadiene	8.17	225	222184	40.65	ng		99
35) Caprolactam	8.48	113	109618	39.10	ng	#	52
36) 4-Chloro-3-methylphenol	8.59	107	417587	43.40	ng		96
37) 2-Methylnaphthalene	8.74	142	803444	41.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	354459	39.97	ng		99
40) Hexachlorocyclopentadiene	8.89	237	139333	31.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	227081	40.51	ng		91
43) 2,4,5-Trichlorophenol	9.06	196	252172	41.28	ng	#	89
45) 1,1'-Biphenyl	9.21	154	1094971	42.29	ng		100
46) 2-Chloronaphthalene	9.23	162	795121	40.39	ng		99
47) 2-Nitroaniline	9.32	65	267232	42.33	ng	#	76
48) Acenaphthylene	9.64	152	1243082	40.39	ng		99
49) Dimethylphthalate	9.50	163	878808	37.68	ng		99
50) 2,6-Dinitrotoluene	9.57	165	207910	43.15	ng	#	82
51) Acenaphthene	9.81	154	769932	38.95	ng		99
52) 3-Nitroaniline	9.73	138	220676	40.27	ng		81
53) 2,4-Dinitrophenol	9.85	184	47072	21.84	ng		94
54) Dibenzofuran	9.98	168	985019	39.87	ng		99
55) 4-Nitrophenol	9.90	139	138102	38.49	ng	#	78
56) 2,4-Dinitrotoluene	9.97	165	261480	42.57	ng		89
57) Fluorene	10.33	166	818271	38.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	180068	37.70	ng		98
59) Diethylphthalate	10.20	149	840740	38.08	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	355066	36.46	ng		99
61) 4-Nitroaniline	10.35	138	222487	41.54	ng		80
62) Azobenzene	10.48	77	956108	39.54	ng		88
64) 4,6-Dinitro-2-methylphenol	10.37	198	94377	29.87	ng	#	28
65) n-Nitrosodiphenylamine	10.44	169	712509	42.36	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	228392	41.18	ng		91
67) Hexachlorobenzene	10.86	284	257427	40.10	ng	#	64
68) Atrazine	10.97	200	202301	40.05	ng		95
69) Pentachlorophenol	11.06	266	108556	32.08	ng		97
70) Phenanthrene	11.28	178	1110236	39.31	ng		99
71) Anthracene	11.33	178	1264578	41.96	ng		100
72) Carbazole	11.49	167	1099416	41.16	ng		99
73) Di-n-butylphthalate	11.82	149	1211018	40.02	ng	#	98
74) Fluoranthene	12.46	202	1227112	43.04	ng		95
76) Benzidine	12.59	184	339371	28.84	ng		97
77) Pyrene	12.69	202	1228172	49.78	ng		99
79) Butylbenzylphthalate	13.32	149	488693	45.74	ng		96
80) Benzo(a)anthracene	13.87	228	791723	43.37	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	616606	50.53	ng	#	96
82) Chrysene	13.92	228	881531	44.43	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	573707	43.26	ng		99
84) Di-n-octyl phthalate	14.49	149	829914	39.96	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	782812	53.25	ng		97
87) Benzo(b)fluoranthene	14.89	252	724816m	43.11	ng		
88) Benzo(k)fluoranthene	14.91	252	591278m	33.72	ng		
89) Benzo(a)pyrene	15.22	252	629931	39.69	ng	#	98
90) Dibenzo(a,h)anthracene	16.60	278	648168	49.90	ng		98
91) Benzo(g,h,i)perylene	16.99	276	681865	52.38	ng	#	91

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

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