Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086828.D
Acq On : 9 May 2016 17:50
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/10/2016 11:05:49 AM

Quant Time: May 10 02:29:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	182752	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	780968	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	384929	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	697004	20.00	ng		0.00
75) Chrysene-d12	13.84	240	531608	20.00	ng		0.00
86) Perylene-d12	15.21	264	418757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	875820	81.16	ng		0.00
7) Phenol-d6	6.35	99	1125488	78.04	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1170235	75.24	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	308635	75.74	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1559408	68.09	ng		0.00
78) Terphenyl-d14	12.80	244	1851269	73.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	206604	39.00	ng	#	72
3) Pyridine	2.85	79	546231	42.18	ng	#	66
4) n-Nitrosodimethylamine	2.81	42	385861	41.08	ng	#	48
6) Aniline	6.36	93	681307	39.06	ng	#	66
8) 2-Chlorophenol	6.49	128	499001	38.32	ng		99
9) Benzaldehyde	6.24	77	307638	36.84	ng		94
10) Phenol	6.37	94	607246	35.42	ng		79
11) bis(2-Chloroethyl)ether	6.44	93	542209	40.56	ng		94
12) 1,3-Dichlorobenzene	6.62	146	515935	36.61	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	516702m	35.96	ng		
14) 1,2-Dichlorobenzene	6.86	146	502589	40.13	ng		100
15) Benzyl Alcohol	6.85	79	389236	39.08	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1058095	36.41	ng		62
17) 2-Methylphenol	6.98	107	412749	39.83	ng	#	83
18) Hexachloroethane	7.20	117	201651	37.30	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	411561	40.83	ng	#	78
20) 3+4-Methylphenols	7.14	107	526520	38.91	ng	#	57
22) Acetophenone	7.12	105	686539	37.22	ng		99
24) Nitrobenzene	7.29	77	626337	39.15	ng		99
25) Isophorone	7.53	82	1065443	36.92	ng		98
26) 2-Nitrophenol	7.61	139	278439	39.59	ng		95
27) 2,4-Dimethylphenol	7.65	122	414664	34.61	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	619016	39.77	ng		98
29) 2,4-Dichlorophenol	7.85	162	390813	37.06	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	455440	38.63	ng		98
31) Naphthalene	8.01	128	1434045	36.66	ng		100
32) Benzoic acid	7.81	122	294939	41.92	ng	#	79
33) 4-Chloroaniline	8.06	127	590122	38.83	ng	#	93
34) Hexachlorobutadiene	8.12	225	258419	37.78	ng		99
35) Caprolactam	8.45	113	129853	36.20	ng	#	49
36) 4-Chloro-3-methylphenol	8.57	107	468314	36.62	ng		94
37) 2-Methylnaphthalene	8.69	142	904064	39.53	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	412206	36.83	ng		99
40) Hexachlorocyclopentadiene	8.84	237	197888	37.25	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	268301	35.85	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	291171	37.62	ng	#	88
45) 1,1'-Biphenyl	9.16	154	1204825	39.35	ng		98
46) 2-Chloronaphthalene	9.18	162	931846	38.85	ng		98
47) 2-Nitroaniline	9.29	65	318494	36.33	ng	#	74
48) Acenaphthylene	9.60	152	1410868	39.99	ng		99
49) Dimethylphthalate	9.47	163	1051423	35.80	ng		99
50) 2,6-Dinitrotoluene	9.53	165	222240	35.96	ng	#	67
51) Acenaphthene	9.77	154	894828	40.77	ng		98
52) 3-Nitroaniline	9.70	138	240174	36.91	ng	#	77
53) 2,4-Dinitrophenol	9.81	184	103745	37.38	ng	#	84
54) Dibenzofuran	9.94	168	1099252	39.02	ng		99
55) 4-Nitrophenol	9.89	139	160033	39.34	ng		88
56) 2,4-Dinitrotoluene	9.94	165	294478	38.50	ng		86
57) Fluorene	10.28	166	952807	39.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	229658	39.41	ng		97
59) Diethylphthalate	10.17	149	1110346	38.80	ng		96
60) 4-Chlorophenyl-phenylether	10.27	204	399126	36.37	ng		98
61) 4-Nitroaniline	10.32	138	258278	41.33	ng	#	69
62) Azobenzene	10.43	77	1159557	37.56	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	164413	37.97	ng	#	40
65) n-Nitrosodiphenylamine	10.40	169	812358	37.94	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	285627	40.42	ng	#	85
67) Hexachlorobenzene	10.82	284	292134	35.37	ng	#	73
68) Atrazine	10.93	200	277634	38.81	ng		95
69) Pentachlorophenol	11.02	266	162435	42.56	ng		98
70) Phenanthrene	11.23	178	1264817	34.00	ng		99
71) Anthracene	11.29	178	1522917	40.03	ng		100
72) Carbazole	11.45	167	1276498	39.03	ng		98
73) Di-n-butylphthalate	11.78	149	1539102	38.54	ng	#	99
74) Fluoranthene	12.42	202	1483417	38.77	ng		91
76) Benzidine	12.54	184	631581	46.60	ng		99
77) Pyrene	12.64	202	1383743	34.00	ng		99
79) Butylbenzylphthalate	13.26	149	619248	35.97	ng	#	70
80) Benzo(a)anthracene	13.83	228	1087544	36.44	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	762807	40.23	ng	#	96
82) Chrysene	13.86	228	1045690	34.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	744221	35.94	ng		98
84) Di-n-octyl phthalate	14.43	149	1266824	36.93	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	872494	34.54	ng		96
87) Benzo(b)fluoranthene	14.83	252	996365m	36.61	ng		
88) Benzo(k)fluoranthene	14.85	252	863776m	38.76	ng		
89) Benzo(a)pyrene	15.15	252	868958	37.02	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	728610	36.83	ng		97
91) Benzo(g,h,i)perylene	16.89	276	742833	36.95	ng	#	93

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

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