Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080540.D
Acq On : 17 Jul 2015 18:29
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
apatel
7/20/2015 3:43:52 PM

Quant Time: Jul 18 00:05:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	46224	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	192401	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	84197	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	148463	20.00	ng		0.00
75) Chrysene-d12	14.43	240	113634	20.00	ng		0.08
86) Perylene-d12	16.16	264	103094	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	54341	19.88	ng		0.01
7) Phenol-d6	6.72	99	61091	16.81	ng		0.01
23) Nitrobenzene-d5	7.63	82	58834	18.20	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	13473	20.14	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	122162	19.88	ng		0.00
78) Terphenyl-d14	13.22	244	102386	18.89	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	10002	7.64	ng		96
3) Pyridine	3.94	79	20714m	7.46	ng		
4) n-Nitrosodimethylamine	3.63	42	15832m	9.44	ng		
6) Aniline	6.74	93	43188	9.22	ng	#	77
8) 2-Chlorophenol	6.86	128	29693	9.84	ng	#	81
9) Benzaldehyde	6.62	77	22321	9.36	ng		82
10) Phenol	6.73	94	38710	9.88	ng		92
11) bis(2-Chloroethyl)ether	6.80	93	28171	9.84	ng		97
12) 1,3-Dichlorobenzene	7.01	146	33827m	9.00	ng		
13) 1,4-Dichlorobenzene	7.08	146	37796	9.63	ng		96
14) 1,2-Dichlorobenzene	7.24	146	33783	9.75	ng		99
15) Benzyl Alcohol	7.23	79	19628	7.95	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.33	45	47094	9.24	ng		79
17) 2-Methylphenol	7.33	107	23868	9.95	ng		98
18) Hexachloroethane	7.58	117	10918	9.33	ng		92
19) n-Nitroso-di-n-propylamine	7.47	70	17288	7.88	ng		96
20) 3+4-Methylphenols	7.49	107	30428	9.27	ng	#	86
22) Acetophenone	7.48	105	36755	8.76	ng	#	88
24) Nitrobenzene	7.65	77	30729	9.34	ng		90
25) Isophorone	7.88	82	49395	8.66	ng		95
26) 2-Nitrophenol	7.97	139	14307	9.84	ng	#	85
27) 2,4-Dimethylphenol	8.01	122	24679	8.89	ng		97
28) bis(2-Chloroethoxy)methane	8.10	93	29131	8.80	ng		97
29) 2,4-Dichlorophenol	8.22	162	20569	8.28	ng		94
30) 1,2,4-Trichlorobenzene	8.29	180	30200	10.33	ng		98
31) Naphthalene	8.37	128	91772	9.67	ng		99
32) Benzoic acid	8.10	122	8704	6.22	ng		93
33) 4-Chloroaniline	8.44	127	31759	8.62	ng		96
34) Hexachlorobutadiene	8.49	225	13848	8.46	ng		92
35) Caprolactam	8.76	113	4048	6.84	ng		99
36) 4-Chloro-3-methylphenol	8.91	107	22325	8.42	ng		91
37) 2-Methylnaphthalene	9.07	142	53565m	9.50	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	27155	10.13	ng		97
40) Hexachlorocyclopentadiene	9.22	237	10147	7.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	13337	8.28	ng		99
43) 2,4,5-Trichlorophenol	9.39	196	15749	9.26	ng	#	85
45) 1,1'-Biphenyl	9.53	154	69450	10.09	ng		99
46) 2-Chloronaphthalene	9.55	162	51677	9.99	ng		98
47) 2-Nitroaniline	9.66	65	9812	7.52	ng	#	56
48) Acenaphthylene	9.97	152	82519	9.68	ng		98
49) Dimethylphthalate	9.82	163	52144	9.14	ng		99
50) 2,6-Dinitrotoluene	9.89	165	9792	8.74	ng	#	48
51) Acenaphthene	10.14	154	48023	9.43	ng		99
52) 3-Nitroaniline	10.08	138	10603	8.51	ng		84
53) 2,4-Dinitrophenol	10.18	184	2285	4.75	ng	#	80
54) Dibenzofuran	10.32	168	73091	10.00	ng		97
55) 4-Nitrophenol	10.25	139	6927	7.77	ng		98
56) 2,4-Dinitrotoluene	10.29	165	13031	8.07	ng	#	72
57) Fluorene	10.66	166	52196	9.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	11469	9.24	ng	#	93
59) Diethylphthalate	10.52	149	47991	8.87	ng		99
60) 4-Chlorophenyl-phenylether	10.65	204	24120	9.37	ng		92
61) 4-Nitroaniline	10.68	138	9625	7.80	ng		84
62) Azobenzene	10.81	77	49997	8.94	ng	#	77
64) 4,6-Dinitro-2-methylphenol	10.70	198	4376	6.21	ng	#	64
65) n-Nitrosodiphenylamine	10.76	169	51664	10.32	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	12881	9.05	ng	#	89
67) Hexachlorobenzene	11.21	284	16547	10.36	ng		94
68) Atrazine	11.29	200	10266	7.66	ng		83
69) Pentachlorophenol	11.41	266	4524	6.18	ng		96
70) Phenanthrene	11.62	178	77999	9.41	ng		99
71) Anthracene	11.68	178	78093	9.94	ng		97
72) Carbazole	11.84	167	68888	9.96	ng		99
73) Di-n-butylphthalate	12.14	149	62532	7.93	ng	#	99
74) Fluoranthene	12.84	202	70490	9.12	ng		95
76) Benzidine	12.98	184	24866	6.91	ng		97
77) Pyrene	13.08	202	76326	10.41	ng		98
79) Butylbenzylphthalate	13.74	149	17235	6.65	ng	#	79
80) Benzo(a)anthracene	14.42	228	62095	9.79	ng		99
81) 3,3'-Dichlorobenzidine	14.38	252	15839	7.73	ng		99
82) Chrysene	14.46	228	62090	10.06	ng		97
83) Bis(2-ethylhexyl)phthalate	14.38	149	23186	6.05	ng		96
84) Di-n-octyl phthalate	15.15	149	30302	5.28	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.75	276	55728	7.52	ng		99
87) Benzo(b)fluoranthene	15.68	252	59049	9.91	ng	#	94
88) Benzo(k)fluoranthene	15.71	252	53311m	8.77	ng		
89) Benzo(a)pyrene	16.09	252	50189	9.04	ng		98
90) Dibenzo(a,h)anthracene	17.76	278	45951	7.60	ng		99
91) Benzo(g,h,i)perylene	18.23	276	49267	7.87	ng		98

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

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