Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081848.D
Acq On : 28 Sep 2015 17:33
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
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9/29/2015 12:10:35 PM

Quant Time: Sep 28 18:42:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:30:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	107068	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	420967	20.00	ng		0.01
38) Acenaphthene-d10	9.98	164	192406	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	365783	20.00	ng		0.00
75) Chrysene-d12	14.12	240	336997	20.00	ng		0.00
86) Perylene-d12	15.58	264	264363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	868322	72.64	ng		0.00
7) Phenol-d6	6.57	99	1074943	71.29	ng		0.01
23) Nitrobenzene-d5	7.51	82	920216	71.79	ng		0.01
41) 2,4,6-Tribromophenol	10.78	330	319221	82.24	ng		0.01
44) 2-Fluorobiphenyl	9.30	172	1541863	61.41	ng		0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	205300	80.05	ng		86
3) Pyridine	3.30	79	556237	83.87	ng		85
4) n-Nitrosodimethylamine	3.28	42	252716	83.90	ng		93
6) Aniline	6.61	93	762967	75.97	ng	#	89
8) 2-Chlorophenol	6.72	128	484585	73.54	ng		92
9) Benzaldehyde	6.49	77	348493	70.49	ng	#	88
10) Phenol	6.58	94	658021	78.88	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	459500	69.89	ng		100
12) 1,3-Dichlorobenzene	6.88	146	562143	72.03	ng		96
13) 1,4-Dichlorobenzene	6.95	146	574325m	70.25	ng		
14) 1,2-Dichlorobenzene	7.11	146	532137	73.47	ng		96
15) Benzyl Alcohol	7.09	79	395626	72.91	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	653518	70.37	ng		79
17) 2-Methylphenol	7.19	107	393200	73.61	ng	#	85
18) Hexachloroethane	7.45	117	192714	76.09	ng	#	62
19) n-Nitroso-di-n-propylamine	7.36	70	351149	77.50	ng	#	76
20) 3+4-Methylphenols	7.35	107	460460	67.49	ng	#	64
22) Acetophenone	7.35	105	602741	68.60	ng	#	73
24) Nitrobenzene	7.53	77	549294	80.12	ng	#	78
25) Isophorone	7.77	82	958301	76.02	ng	#	93
26) 2-Nitrophenol	7.84	139	268771	81.94	ng	#	65
27) 2,4-Dimethylphenol	7.87	122	422975	72.00	ng	#	80
28) bis(2-Chloroethoxy)methane	7.98	93	586368	78.70	ng	#	94
29) 2,4-Dichlorophenol	8.08	162	427499	75.53	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	441996	69.14	ng		97
31) Naphthalene	8.25	128	1360470	71.88	ng		98
32) Benzoic acid	8.02	122	301069	101.27	ng	#	67
33) 4-Chloroaniline	8.30	127	567231	68.94	ng	#	88
34) Hexachlorobutadiene	8.35	225	269642	71.65	ng		98
35) Caprolactam	8.69	113	127103	82.07	ng	#	78
36) 4-Chloro-3-methylphenol	8.78	107	401288	72.05	ng	#	83
37) 2-Methylnaphthalene	8.94	142	879336	67.52	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	448180	75.23	ng		98
40) Hexachlorocyclopentadiene	9.09	237	265550	88.92	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	318412	78.41	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	337898	81.33	ng		96
45) 1,1'-Biphenyl	9.41	154	1094198	72.76	ng		94
46) 2-Chloronaphthalene	9.43	162	822125	69.17	ng	#	92
47) 2-Nitroaniline	9.53	65	296926	88.02	ng	#	80
48) Acenaphthylene	9.85	152	1401161	74.35	ng		97
49) Dimethylphthalate	9.71	163	1086187	82.09	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	226899	78.48	ng	#	70
51) Acenaphthene	10.02	154	875085	78.83	ng		89
52) 3-Nitroaniline	9.94	138	244573	72.31	ng	#	65
53) 2,4-Dinitrophenol	10.05	184	113686	127.57	ng	#	77
54) Dibenzofuran	10.19	168	1169271	73.87	ng		95
55) 4-Nitrophenol	10.10	139	221787	94.38	ng	#	64
56) 2,4-Dinitrotoluene	10.17	165	271320	72.87	ng	#	75
57) Fluorene	10.54	166	912961	72.66	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.31	232	279481	85.43	ng		93
59) Diethylphthalate	10.40	149	951544	76.18	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	441144	76.48	ng		95
61) 4-Nitroaniline	10.57	138	285505	86.32	ng	#	55
62) Azobenzene	10.69	77	984295	81.52	ng		94
64) 4,6-Dinitro-2-methylphenol	10.58	198	154755	101.12	ng		89
65) n-Nitrosodiphenylamine	10.65	169	847959	76.08	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	296339	80.41	ng	#	91
67) Hexachlorobenzene	11.07	284	300894	71.15	ng	#	93
68) Atrazine	11.18	200	292611	86.15	ng		83
69) Pentachlorophenol	11.27	266	202826	86.72	ng		97
70) Phenanthrene	11.50	178	1389376m	71.21	ng		
71) Anthracene	11.54	178	1314056	69.33	ng		96
72) Carbazole	11.70	167	1156181	67.13	ng	#	93
73) Di-n-butylphthalate	12.02	149	1394526	73.96	ng	#	97
74) Fluoranthene	12.69	202	1460148	73.67	ng		89
76) Benzidine	12.81	184	791845	77.66	ng	#	93
77) Pyrene	12.91	202	1362980	66.01	ng	#	94
79) Butylbenzylphthalate	13.53	149	603384	79.59	ng		91
80) Benzo(a)anthracene	14.10	228	1283550	69.39	ng		93
81) 3,3'-Dichlorobenzidine	14.07	252	431501	69.03	ng	#	95
83) Bis(2-ethylhexyl)phthalate	14.09	149	752489	79.05	ng		96
84) Di-n-octyl phthalate	14.70	149	1233560	79.73	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.05	276	1102793	77.31	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	1093378	71.32	ng	#	87
88) Benzo(k)fluoranthene	15.19	252	1107129m	80.04	ng		
89) Benzo(a)pyrene	15.52	252	1028434	78.32	ng	#	87
90) Dibenzo(a,h)anthracene	17.08	278	874348	79.53	ng	#	82
91) Benzo(g,h,i)perylene	17.51	276	908941	80.87	ng	#	75

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

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