Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080704.D
Acq On : 30 Jul 2015 21:15
Operator : TP/UM
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:01 AM

Quant Time: Jul 31 01:29:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:18:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	157249	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	603148	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	275584	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	473557	20.00	ng		0.00
75) Chrysene-d12	14.00	240	291595	20.00	ng		0.00
86) Perylene-d12	15.41	264	290978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1136520	116.96	ng		0.01
7) Phenol-d6	6.49	99	1381536	125.72	ng		0.00
23) Nitrobenzene-d5	7.42	82	1318652	111.21	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	343514	134.87	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1942103	90.88	ng		0.00
78) Terphenyl-d14	12.96	244	1816760	105.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	272790	64.25	ng		100
3) Pyridine	3.21	79	769580	70.50	ng		97
4) n-Nitrosodimethylamine	3.17	42	458654	66.67	ng		100
6) Aniline	6.52	93	1033222	66.67	ng		97
8) 2-Chlorophenol	6.65	128	599183	60.95	ng	#	78
9) Benzaldehyde	6.41	77	410334	56.38	ng		99
10) Phenol	6.50	94	713381	56.70	ng		88
11) bis(2-Chloroethyl)ether	6.60	93	649955	73.69	ng		87
12) 1,3-Dichlorobenzene	6.80	146	640448	54.23	ng		98
13) 1,4-Dichlorobenzene	6.88	146	684094	58.28	ng		98
14) 1,2-Dichlorobenzene	7.02	146	561920	51.46	ng		96
15) Benzyl Alcohol	7.00	79	596623	66.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1230021	72.36	ng		100
17) 2-Methylphenol	7.10	107	508549	72.01	ng		99
18) Hexachloroethane	7.37	117	256640	65.54	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	492714	74.86	ng	#	90
20) 3+4-Methylphenols	7.26	107	539623	56.54	ng		92
22) Acetophenone	7.28	105	862154	56.36	ng	#	74
24) Nitrobenzene	7.45	77	767607	66.49	ng	#	85
25) Isophorone	7.69	82	1284845	68.64	ng		96
26) 2-Nitrophenol	7.76	139	293845m	61.05	ng		
27) 2,4-Dimethylphenol	7.79	122	526717m	57.88	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	689067	61.85	ng		99
29) 2,4-Dichlorophenol	8.00	162	482256	62.22	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	523736	54.38	ng	#	96
31) Naphthalene	8.17	128	1700491	57.59	ng		99
32) Benzoic acid	7.92	122	409067m	84.53	ng		
33) 4-Chloroaniline	8.21	127	740925	67.61	ng		95
34) Hexachlorobutadiene	8.28	225	320520	53.04	ng		98
35) Caprolactam	8.60	113	149251	86.18	ng	#	57
36) 4-Chloro-3-methylphenol	8.69	107	565636	71.90	ng		94
37) 2-Methylnaphthalene	8.85	142	1039609	54.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	503324	51.07	ng		98
40) Hexachlorocyclopentadiene	9.01	237	337729	53.45	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	339814m	51.38	ng		
43) 2,4,5-Trichlorophenol	9.16	196	342417m	55.61	ng		
45) 1,1'-Biphenyl	9.32	154	1290180	56.63	ng		97
46) 2-Chloronaphthalene	9.34	162	1025489	53.97	ng		97
47) 2-Nitroaniline	9.44	65	436993	89.20	ng	#	80
48) Acenaphthylene	9.76	152	1529518	50.71	ng		99
49) Dimethylphthalate	9.62	163	1030312	56.70	ng		100
50) 2,6-Dinitrotoluene	9.68	165	216852	59.15	ng	#	86
51) Acenaphthene	9.93	154	939731	52.40	ng		100
52) 3-Nitroaniline	9.85	138	286194	68.70	ng	#	59
53) 2,4-Dinitrophenol	9.95	184	151594	135.19	ng	#	50
54) Dibenzofuran	10.10	168	1285500	52.61	ng		98
55) 4-Nitrophenol	10.00	139	197155	67.83	ng	#	61
56) 2,4-Dinitrotoluene	10.08	165	278347	64.00	ng	#	86
57) Fluorene	10.44	166	1027860	55.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	265560	62.73	ng	#	93
59) Diethylphthalate	10.32	149	1026225	59.19	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	425247	52.08	ng		95
61) 4-Nitroaniline	10.46	138	275198	76.16	ng		84
62) Azobenzene	10.59	77	1167424	68.25	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	198940	100.94	ng	#	56
65) n-Nitrosodiphenylamine	10.56	169	974840	60.56	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	300911	58.99	ng		93
67) Hexachlorobenzene	10.99	284	338065	57.06	ng	#	64
68) Atrazine	11.08	200	179299	54.51	ng		91
69) Pentachlorophenol	11.17	266	204622	79.93	ng		99
70) Phenanthrene	11.40	178	1388095	52.23	ng		99
71) Anthracene	11.45	178	1304059	49.82	ng		99
72) Carbazole	11.60	167	1125115	51.65	ng		99
73) Di-n-butylphthalate	11.94	149	1568845	68.17	ng		99
74) Fluoranthene	12.58	202	1338060	61.40	ng		98
76) Benzidine	12.71	184	611112	68.85	ng		99
77) Pyrene	12.81	202	1365441	55.32	ng		98
79) Butylbenzylphthalate	13.44	149	580628	76.87	ng	#	62
80) Benzo(a)anthracene	14.00	228	1059705	61.31	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	387238	82.00	ng	#	91
82) Chrysene	14.03	228	1123405	64.97	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	748871	78.90	ng		99
84) Di-n-octyl phthalate	14.60	149	1233098	100.39	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	984561	117.96	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	949762	46.97	ng		99
88) Benzo(k)fluoranthene	15.05	252	952041m	49.56	ng		
89) Benzo(a)pyrene	15.36	252	844419	53.31	ng		97
90) Dibenzo(a,h)anthracene	16.82	278	825841	73.50	ng		98
91) Benzo(g,h,i)perylene	17.22	276	824090	75.06	ng		96

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

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