Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
Data File : BF080413.D
Acq On : 11 Jul 2015 4:05
Operator : TP/UM
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
7/13/2015 3:31:23 PM

Quant Time: Jul 11 05:11:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 04:42:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	22871	20.00	ng		0.00
21) Naphthalene-d8	8.43	136	101108	20.00	ng		0.00
38) Acenaphthene-d10	10.19	164	51684	20.00	ng		0.00
63) Phenanthrene-d10	11.69	188	105456	20.00	ng		0.00
75) Chrysene-d12	14.47	240	100064	20.00	ng		-0.07
86) Perylene-d12	16.16	264	98932	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	172995	136.13	ng		0.00
7) Phenol-d6	6.80	99	225373	133.80	ng		0.00
23) Nitrobenzene-d5	7.71	82	216183	125.05	ng		0.00
41) 2,4,6-Tribromophenol	10.99	330	67422	124.86	ng		0.00
44) 2-Fluorobiphenyl	9.50	172	442413	115.77	ng		0.00
78) Terphenyl-d14	13.29	244	516035	119.10	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	42608	71.01	ng		99
3) Pyridine	3.90	79	95984	63.99	ng		94
4) n-Nitrosodimethylamine	3.71	42	49572	68.88	ng		98
6) Aniline	6.82	93	145991	64.07	ng		92
8) 2-Chlorophenol	6.94	128	105269	70.99	ng		99
9) Benzaldehyde	6.70	77	58749	62.96	ng		96
10) Phenol	6.81	94	122736	67.07	ng		98
11) bis(2-Chloroethyl)ether	6.88	93	101250	72.16	ng		99
12) 1,3-Dichlorobenzene	7.08	146	113357	63.77	ng		98
13) 1,4-Dichlorobenzene	7.16	146	128532	74.78	ng		99
14) 1,2-Dichlorobenzene	7.32	146	122369	71.33	ng		99
15) Benzyl Alcohol	7.30	79	98941	75.78	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	147277	66.31	ng		97
17) 2-Methylphenol	7.41	107	91931	78.09	ng		98
18) Hexachloroethane	7.66	117	40949	74.47	ng		98
19) n-Nitroso-di-n-propylamine	7.56	70	82281	75.28	ng		97
20) 3+4-Methylphenols	7.56	107	116857	73.00	ng	#	88
22) Acetophenone	7.56	105	150670	63.93	ng		99
24) Nitrobenzene	7.73	77	127473	70.72	ng		96
25) Isophorone	7.97	82	203015	61.22	ng		98
26) 2-Nitrophenol	8.05	139	60250	76.97	ng		98
27) 2,4-Dimethylphenol	8.09	122	94445	63.54	ng		99
28) bis(2-Chloroethoxy)methane	8.18	93	118805	57.68	ng		99
29) 2,4-Dichlorophenol	8.29	162	87018	65.23	ng	#	83
30) 1,2,4-Trichlorobenzene	8.37	180	108982	67.79	ng		98
31) Naphthalene	8.45	128	316179	60.67	ng		99
32) Benzoic acid	8.21	122	69065	90.25	ng		97
33) 4-Chloroaniline	8.51	127	120441	58.35	ng		98
34) Hexachlorobutadiene	8.57	225	63829	66.03	ng		99
35) Caprolactam	8.90	113	24049	59.67	ng		97
36) 4-Chloro-3-methylphenol	8.99	107	89782	64.76	ng	#	75
37) 2-Methylnaphthalene	9.15	142	219074	65.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	102716	62.03	ng		99
40) Hexachlorocyclopentadiene	9.30	237	60977	96.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.44	196	66025	61.70	ng		98
43) 2,4,5-Trichlorophenol	9.47	196	70335	56.95	ng		95
45) 1,1'-Biphenyl	9.61	154	279073	60.90	ng		99
46) 2-Chloronaphthalene	9.64	162	211223	60.74	ng		100
47) 2-Nitroaniline	9.74	65	63764	65.06	ng		98
48) Acenaphthylene	10.05	152	349047	60.05	ng		98
49) Dimethylphthalate	9.92	163	238621	57.33	ng		100
50) 2,6-Dinitrotoluene	9.97	165	54254	62.37	ng		99
51) Acenaphthene	10.22	154	215394	61.46	ng		99
52) 3-Nitroaniline	10.16	138	51805	54.08	ng		99
53) 2,4-Dinitrophenol	10.25	184	23649	75.46	ng	#	42
54) Dibenzofuran	10.40	168	281380	56.99	ng		99
55) 4-Nitrophenol	10.33	139	40767	58.74	ng		95
56) 2,4-Dinitrotoluene	10.37	165	62699	57.05	ng		99
57) Fluorene	10.74	166	236347	56.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.52	232	59763m	59.53	ng		
59) Diethylphthalate	10.60	149	231552	56.79	ng		99
60) 4-Chlorophenyl-phenylether	10.73	204	116754	61.58	ng		97
61) 4-Nitroaniline	10.77	138	49094	53.28	ng		99
62) Azobenzene	10.89	77	267092	67.43	ng		99
64) 4,6-Dinitro-2-methylphenol	10.78	198	34471	61.83	ng		87
65) n-Nitrosodiphenylamine	10.85	169	212082	63.21	ng		99
66) 4-Bromophenyl-phenylether	11.22	248	68930	57.64	ng		98
67) Hexachlorobenzene	11.30	284	70207	56.41	ng		97
68) Atrazine	11.38	200	63230	61.75	ng		99
69) Pentachlorophenol	11.49	266	39776	61.88	ng		97
70) Phenanthrene	11.71	178	363253	57.23	ng		99
71) Anthracene	11.77	178	353417	57.40	ng		99
72) Carbazole	11.93	167	325379	56.44	ng		100
73) Di-n-butylphthalate	12.23	149	353383	53.74	ng	#	98
74) Fluoranthene	12.91	202	357242	52.63	ng		94
76) Benzidine	13.05	184	124282	51.24	ng		99
77) Pyrene	13.15	202	363517	59.84	ng		99
79) Butylbenzylphthalate	13.79	149	151584	62.97	ng		98
80) Benzo(a)anthracene	14.45	228	368313	60.72	ng		99
81) 3,3'-Dichlorobenzidine	14.41	252	119273	60.33	ng	#	98
82) Chrysene	14.49	228	329380	58.30	ng		99
83) Bis(2-ethylhexyl)phthalate	14.41	149	237864	64.87	ng	#	97
84) Di-n-octyl phthalate	15.13	149	410262	66.83	ng		99
85) Indeno(1,2,3-cd)pyrene	17.81	276	428295	64.31	ng		100
87) Benzo(b)fluoranthene	15.67	252	396559	63.51	ng		98
88) Benzo(k)fluoranthene	15.70	252	335947m	57.12	ng		
89) Benzo(a)pyrene	16.09	252	345539	60.68	ng		98
90) Dibenzo(a,h)anthracene	17.81	278	343654	61.32	ng	#	96
91) Benzo(g,h,i)perylene	18.31	276	349123	61.61	ng		97

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

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