Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080847.D
Acq On : 4 Aug 2015 19:47
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:03:00 PM

Quant Time: Aug 05 01:48:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 00:58:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58772	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	212212	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	84019	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	138663	20.00	ng		0.00
75) Chrysene-d12	13.96	240	83084	20.00	ng		0.00
86) Perylene-d12	15.37	264	76365	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	531548	148.52	ng		0.00
7) Phenol-d6	6.46	99	691771	144.40	ng		0.01
23) Nitrobenzene-d5	7.40	82	733763	167.16	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	118082	147.92	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	861604	150.19	ng		0.00
78) Terphenyl-d14	12.92	244	700546	163.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	147908	80.38	ng		100
3) Pyridine	3.16	79	409289	82.54	ng		98
4) n-Nitrosodimethylamine	3.13	42	213589	79.75	ng		97
6) Aniline	6.50	93	536130	77.65	ng		98
8) 2-Chlorophenol	6.61	128	291065	73.13	ng		83
9) Benzaldehyde	6.37	77	246645	81.05	ng		97
10) Phenol	6.48	94	395689	70.33	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	290238	71.26	ng		90
12) 1,3-Dichlorobenzene	6.77	146	349268m	78.59	ng		
13) 1,4-Dichlorobenzene	6.84	146	328858	74.91	ng		98
14) 1,2-Dichlorobenzene	7.00	146	306799m	74.31	ng		
15) Benzyl Alcohol	6.98	79	273360	83.07	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	640936	79.67	ng		98
17) 2-Methylphenol	7.08	107	259503	74.19	ng		96
18) Hexachloroethane	7.34	117	137253	83.49	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	219046	70.15	ng		100
20) 3+4-Methylphenols	7.24	107	275152	67.37	ng		94
22) Acetophenone	7.24	105	359373	69.32	ng	#	79
24) Nitrobenzene	7.41	77	315900	71.17	ng	#	86
25) Isophorone	7.65	82	607291	77.83	ng		95
26) 2-Nitrophenol	7.73	139	157848m	83.82	ng		
27) 2,4-Dimethylphenol	7.77	122	252949m	70.51	ng		
28) bis(2-Chloroethoxy)methane	7.87	93	395358	84.35	ng		99
29) 2,4-Dichlorophenol	7.97	162	233329	77.53	ng		91
30) 1,2,4-Trichlorobenzene	8.05	180	245961	74.94	ng		97
31) Naphthalene	8.13	128	816172	76.95	ng		99
32) Benzoic acid	7.90	122	205871m	95.14	ng		
33) 4-Chloroaniline	8.18	127	306237	69.03	ng		95
34) Hexachlorobutadiene	8.26	225	149075	74.67	ng		97
35) Caprolactam	8.57	113	67501	81.26	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	235234	72.54	ng		92
37) 2-Methylnaphthalene	8.82	142	478325	72.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	224775	83.16	ng		98
40) Hexachlorocyclopentadiene	8.98	237	142486	86.73	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	148259	77.96	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	156299	83.82	ng	#	83
45) 1,1'-Biphenyl	9.29	154	567793	87.34	ng		95
46) 2-Chloronaphthalene	9.31	162	439056	82.44	ng		93
47) 2-Nitroaniline	9.40	65	160690	80.35	ng		87
48) Acenaphthylene	9.72	152	691429	81.37	ng		99
49) Dimethylphthalate	9.60	163	498594	86.90	ng		98
50) 2,6-Dinitrotoluene	9.65	165	113684	91.85	ng	#	63
51) Acenaphthene	9.89	154	419082	81.44	ng		99
52) 3-Nitroaniline	9.81	138	107934	74.54	ng	#	69
54) Dibenzofuran	10.06	168	546284	80.41	ng		95
55) 4-Nitrophenol	9.97	139	100818	97.77	ng	#	83
56) 2,4-Dinitrotoluene	10.05	165	144203	91.60	ng	#	75
57) Fluorene	10.41	166	424592	81.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	104873	77.66	ng		98
59) Diethylphthalate	10.28	149	471101	84.98	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	196440	76.70	ng	#	76
61) 4-Nitroaniline	10.43	138	121974	90.12	ng		99
62) Azobenzene	10.56	77	536588	84.69	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	69727	78.76	ng	#	13
65) n-Nitrosodiphenylamine	10.52	169	394432	80.99	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	108938	70.26	ng	#	86
67) Hexachlorobenzene	10.96	284	135945	79.68	ng	#	72
68) Atrazine	11.05	200	97691	87.13	ng		93
69) Pentachlorophenol	11.14	266	77661	82.96	ng		99
70) Phenanthrene	11.37	178	636726	87.82	ng		99
71) Anthracene	11.41	178	545704	73.83	ng		99
72) Carbazole	11.57	167	602483	97.09	ng		97
73) Di-n-butylphthalate	11.90	149	668880	86.09	ng		99
74) Fluoranthene	12.55	202	567777	79.63	ng		97
76) Benzidine	12.67	184	335035	126.11	ng	#	95
77) Pyrene	12.77	202	599930	93.52	ng		99
79) Butylbenzylphthalate	13.40	149	288671	115.08	ng	#	67
80) Benzo(a)anthracene	13.95	228	452749	93.57	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	177006	103.66	ng	#	93
82) Chrysene	14.00	228	481187	101.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	356538	112.64	ng		99
84) Di-n-octyl phthalate	14.57	149	605297	118.79	ng		99
85) Indeno(1,2,3-cd)pyrene	16.74	276	389963	90.90	ng		100
87) Benzo(b)fluoranthene	14.98	252	460004m	96.20	ng		
88) Benzo(k)fluoranthene	15.00	252	332449m	86.21	ng		
89) Benzo(a)pyrene	15.31	252	374774	95.48	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	327382	87.45	ng		97
91) Benzo(g,h,i)perylene	17.15	276	316507	81.64	ng		98

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

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