Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080846.D
Acq On : 4 Aug 2015 19:16
Operator : TP/UM
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:00:35 PM

Quant Time: Aug 05 01:33:24 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	57871	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	222715	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	87370	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	142297	20.00	ng		0.00
75) Chrysene-d12	13.96	240	86632	20.00	ng		0.00
86) Perylene-d12	15.37	264	81436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	456480	129.53	ng		0.00
7) Phenol-d6	6.46	99	590233	125.13	ng		0.01
23) Nitrobenzene-d5	7.39	82	528331	114.68	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	100470	121.03	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	689628	115.60	ng		0.00
78) Terphenyl-d14	12.92	244	593909	132.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	114482	63.18	ng		99
3) Pyridine	3.16	79	331357	67.87	ng		99
4) n-Nitrosodimethylamine	3.13	42	161040	61.07	ng		99
6) Aniline	6.49	93	416942	61.32	ng		100
8) 2-Chlorophenol	6.61	128	255233	65.12	ng		91
9) Benzaldehyde	6.37	77	195817	65.35	ng		98
10) Phenol	6.48	94	378242	68.28	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	251355	62.67	ng		93
12) 1,3-Dichlorobenzene	6.77	146	259653m	59.34	ng		
13) 1,4-Dichlorobenzene	6.84	146	254344	58.83	ng		98
14) 1,2-Dichlorobenzene	7.00	146	257767	63.41	ng		97
15) Benzyl Alcohol	6.97	79	202456	62.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	512172	64.65	ng		97
17) 2-Methylphenol	7.08	107	201546	58.52	ng		97
18) Hexachloroethane	7.34	117	106027	65.50	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	189856	61.75	ng	#	92
20) 3+4-Methylphenols	7.24	107	251296	62.49	ng	#	83
22) Acetophenone	7.24	105	298308	54.83	ng	#	86
24) Nitrobenzene	7.41	77	296538	63.65	ng		89
25) Isophorone	7.65	82	470148	57.41	ng		96
26) 2-Nitrophenol	7.72	139	115327m	58.35	ng		
27) 2,4-Dimethylphenol	7.77	122	218721m	58.10	ng		
28) bis(2-Chloroethoxy)methane	7.87	93	283379	57.61	ng		98
29) 2,4-Dichlorophenol	7.97	162	174138	55.14	ng		88
30) 1,2,4-Trichlorobenzene	8.05	180	200980	58.34	ng		99
31) Naphthalene	8.13	128	695148	62.44	ng		99
32) Benzoic acid	7.88	122	145862m	64.23	ng		
33) 4-Chloroaniline	8.18	127	250299	53.76	ng		96
34) Hexachlorobutadiene	8.26	225	115863	55.30	ng		96
35) Caprolactam	8.56	113	52475	60.19	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	186750	54.87	ng		96
37) 2-Methylnaphthalene	8.82	142	383061	55.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	175001	62.26	ng		98
40) Hexachlorocyclopentadiene	8.98	237	114995	67.31	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	113635	57.46	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	118906	61.32	ng	#	79
45) 1,1'-Biphenyl	9.29	154	481532	71.23	ng		97
46) 2-Chloronaphthalene	9.31	162	369292	66.68	ng		97
47) 2-Nitroaniline	9.40	65	138549	66.62	ng		94
48) Acenaphthylene	9.72	152	587321	66.47	ng		100
49) Dimethylphthalate	9.58	163	337082	56.50	ng		99
50) 2,6-Dinitrotoluene	9.64	165	74671	58.02	ng		89
51) Acenaphthene	9.89	154	355297	66.40	ng		100
52) 3-Nitroaniline	9.81	138	98419	65.36	ng	#	77
53) 2,4-Dinitrophenol	9.92	184	50674	73.38	ng	#	80
54) Dibenzofuran	10.06	168	476816	67.49	ng		97
55) 4-Nitrophenol	9.96	139	65072	60.68	ng		89
56) 2,4-Dinitrotoluene	10.04	165	90841	55.49	ng		87
57) Fluorene	10.41	166	358288	66.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	81810	58.26	ng		95
59) Diethylphthalate	10.28	149	349429	60.61	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	148888	55.90	ng		97
61) 4-Nitroaniline	10.42	138	81196	57.69	ng		95
62) Azobenzene	10.56	77	421404	63.96	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	61970	68.21	ng		72
65) n-Nitrosodiphenylamine	10.52	169	327888	65.61	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	94415	59.34	ng		94
67) Hexachlorobenzene	10.96	284	102710	58.66	ng	#	64
68) Atrazine	11.05	200	87054	75.66	ng		97
69) Pentachlorophenol	11.14	266	56718	59.04	ng		95
70) Phenanthrene	11.37	178	475080	63.85	ng		99
71) Anthracene	11.41	178	473146	62.38	ng		99
72) Carbazole	11.57	167	430981	67.68	ng	#	96
73) Di-n-butylphthalate	11.90	149	518093	64.98	ng		100
74) Fluoranthene	12.54	202	466210	63.72	ng		98
76) Benzidine	12.67	184	267086	96.41	ng		97
77) Pyrene	12.77	202	505117	75.51	ng		99
79) Butylbenzylphthalate	13.40	149	216334	82.71	ng	#	67
80) Benzo(a)anthracene	13.95	228	361291	71.61	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	142304	79.92	ng	#	92
82) Chrysene	14.00	228	379250	76.91	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	278470	84.38	ng		99
84) Di-n-octyl phthalate	14.57	149	483936	91.08	ng		99
85) Indeno(1,2,3-cd)pyrene	16.74	276	305129	68.21	ng		99
87) Benzo(b)fluoranthene	14.98	252	374261m	73.40	ng		
88) Benzo(k)fluoranthene	15.00	252	267149m	64.96	ng		
89) Benzo(a)pyrene	15.31	252	297064	70.97	ng		97
90) Dibenzo(a,h)anthracene	16.75	278	256657	64.29	ng		98
91) Benzo(g,h,i)perylene	17.15	276	245707	59.43	ng	#	95

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

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