Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080919.D
Acq On : 7 Aug 2015 11:13
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:17:22 PM

Quant Time: Aug 08 00:29:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 23:54:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54251	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	231643	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	109934	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	220484	20.00	ng		0.00
75) Chrysene-d12	13.96	240	183912	20.00	ng		0.00
86) Perylene-d12	15.36	264	160741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	355483	107.06	ng		0.01
7) Phenol-d6	6.44	99	442414	97.23	ng		0.00
23) Nitrobenzene-d5	7.38	82	440337	89.92	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	112832	93.42	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	693960	88.87	ng		0.00
78) Terphenyl-d14	12.91	244	788999	88.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	79340	50.38	ng		99
3) Pyridine	3.04	79	238225	52.97	ng		99
4) n-Nitrosodimethylamine	2.99	42	120395	52.81	ng		94
6) Aniline	6.48	93	351069	52.52	ng		94
8) 2-Chlorophenol	6.59	128	190077	49.47	ng		88
9) Benzaldehyde	6.35	77	150112	48.69	ng		99
10) Phenol	6.45	94	244139	45.22	ng		88
11) bis(2-Chloroethyl)ether	6.54	93	193963	48.12	ng		94
12) 1,3-Dichlorobenzene	6.75	146	209316m	51.34	ng		
13) 1,4-Dichlorobenzene	6.83	146	224289	52.93	ng		98
14) 1,2-Dichlorobenzene	6.98	146	180867	47.22	ng		96
15) Benzyl Alcohol	6.96	79	189035	50.77	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	394915	48.70	ng		99
17) 2-Methylphenol	7.07	107	171830	52.39	ng		95
18) Hexachloroethane	7.32	117	79612	49.04	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	167390	50.33	ng		95
20) 3+4-Methylphenols	7.23	107	225056	54.63	ng		93
22) Acetophenone	7.23	105	284468	50.12	ng	#	86
24) Nitrobenzene	7.40	77	274055	54.35	ng	#	86
25) Isophorone	7.64	82	462531	49.11	ng		96
26) 2-Nitrophenol	7.71	139	98079	46.23	ng		95
27) 2,4-Dimethylphenol	7.76	122	201895	50.83	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	264007	46.70	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	152241	46.64	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	180042	50.47	ng		99
31) Naphthalene	8.12	128	636053	49.82	ng		99
32) Benzoic acid	7.88	122	132264	55.37	ng		91
33) 4-Chloroaniline	8.17	127	235501	45.38	ng		95
34) Hexachlorobutadiene	8.24	225	96935	45.66	ng		97
35) Caprolactam	8.56	113	59353	52.06	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	191306	48.03	ng		96
37) 2-Methylnaphthalene	8.81	142	367205	45.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	178822	52.76	ng		98
40) Hexachlorocyclopentadiene	8.97	237	105548	57.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	120271	47.60	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	135664	56.02	ng	#	90
45) 1,1'-Biphenyl	9.28	154	493576	52.31	ng		98
46) 2-Chloronaphthalene	9.30	162	377675	51.34	ng		97
47) 2-Nitroaniline	9.39	65	138988	47.12	ng		96
48) Acenaphthylene	9.71	152	595779	46.59	ng		99
49) Dimethylphthalate	9.58	163	480545	52.62	ng		99
50) 2,6-Dinitrotoluene	9.64	165	105478	55.91	ng	#	64
51) Acenaphthene	9.88	154	362392	46.27	ng		100
52) 3-Nitroaniline	9.80	138	109149	46.93	ng		93
53) 2,4-Dinitrophenol	9.90	184	52074	52.28	ng	#	80
54) Dibenzofuran	10.05	168	490507	46.32	ng		97
55) 4-Nitrophenol	9.96	139	83456	47.94	ng	#	57
56) 2,4-Dinitrotoluene	10.04	165	142861	56.59	ng	#	80
57) Fluorene	10.40	166	398213	48.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	94767m	47.65	ng		
59) Diethylphthalate	10.28	149	490661	51.62	ng		95
60) 4-Chlorophenyl-phenylether	10.40	204	183453	45.96	ng	#	73
61) 4-Nitroaniline	10.42	138	109533	45.77	ng		98
62) Azobenzene	10.54	77	501980	47.23	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	68500	50.13	ng	#	55
65) n-Nitrosodiphenylamine	10.51	169	365587	47.72	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	109378	46.84	ng		92
67) Hexachlorobenzene	10.94	284	139853	53.87	ng	#	91
68) Atrazine	11.04	200	98364	43.80	ng		98
69) Pentachlorophenol	11.13	266	76956	50.98	ng		99
70) Phenanthrene	11.36	178	653119	52.31	ng		99
71) Anthracene	11.40	178	558372	45.17	ng		100
72) Carbazole	11.56	167	632179	52.53	ng		97
73) Di-n-butylphthalate	11.89	149	698023	46.39	ng		100
74) Fluoranthene	12.53	202	598926	44.38	ng		98
76) Benzidine	12.66	184	345518	47.67	ng		99
77) Pyrene	12.76	202	637800	46.94	ng		99
79) Butylbenzylphthalate	13.39	149	359209	54.84	ng		89
80) Benzo(a)anthracene	13.95	228	543873	46.82	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	215325	50.96	ng	#	99
82) Chrysene	13.99	228	500285	44.97	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	470485	51.63	ng		99
84) Di-n-octyl phthalate	14.56	149	769522	49.80	ng		100
85) Indeno(1,2,3-cd)pyrene	16.73	276	520896	49.18	ng		100
87) Benzo(b)fluoranthene	14.97	252	566752	50.71	ng	#	98
88) Benzo(k)fluoranthene	14.99	252	472913m	48.54	ng		
89) Benzo(a)pyrene	15.31	252	501046	52.16	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	429940	50.59	ng		98
91) Benzo(g,h,i)perylene	17.14	276	420963	50.92	ng		95

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

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