Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080593.D
Acq On : 23 Jul 2015 15:46
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
apatel
7/24/2015 4:46:38 PM

Quant Time: Jul 23 17:47:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 17:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	37614	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	149185	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	67392	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	122187	20.00	ng		0.00
75) Chrysene-d12	14.28	240	100710	20.00	ng		-0.02
86) Perylene-d12	15.95	264	75734	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	220500	103.96	ng		0.00
7) Phenol-d6	6.56	99	281356	107.71	ng		0.00
23) Nitrobenzene-d5	7.50	82	263028	113.56	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	56057	129.72	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	447549	95.50	ng		0.00
78) Terphenyl-d14	13.11	244	479229	97.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	48723	44.19	ng	#	100
3) Pyridine	3.25	79	119350	46.63	ng		95
4) n-Nitrosodimethylamine	3.16	42	86661	53.59	ng	#	95
6) Aniline	6.60	93	199643	51.01	ng		97
8) 2-Chlorophenol	6.73	128	121099	54.52	ng		99
9) Benzaldehyde	6.49	77	93538	47.59	ng		97
10) Phenol	6.57	94	169898	54.69	ng		90
11) bis(2-Chloroethyl)ether	6.67	93	103429	46.35	ng		98
12) 1,3-Dichlorobenzene	6.89	146	150845	52.49	ng		99
13) 1,4-Dichlorobenzene	6.97	146	146200	53.41	ng		99
14) 1,2-Dichlorobenzene	7.12	146	136191	51.59	ng		99
15) Benzyl Alcohol	7.08	79	128869	59.58	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	225964	48.36	ng		99
17) 2-Methylphenol	7.18	107	91469	48.28	ng		90
18) Hexachloroethane	7.47	117	51665	53.54	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	98417	58.66	ng		97
20) 3+4-Methylphenols	7.34	107	130178	54.48	ng	#	82
22) Acetophenone	7.36	105	185584	52.10	ng		97
24) Nitrobenzene	7.53	77	155987	63.38	ng		96
25) Isophorone	7.77	82	260054	53.16	ng		98
26) 2-Nitrophenol	7.85	139	52206	90.51	ng		94
27) 2,4-Dimethylphenol	7.88	122	114974	55.51	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	133248	50.78	ng		99
29) 2,4-Dichlorophenol	8.09	162	97007	58.60	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	122940	53.12	ng		95
31) Naphthalene	8.26	128	382630	51.65	ng		100
32) Benzoic acid	7.94	122	48771	82.01	ng		95
33) 4-Chloroaniline	8.30	127	151948	53.29	ng		96
34) Hexachlorobutadiene	8.38	225	68529	50.70	ng		96
35) Caprolactam	8.64	113	24187	51.81	ng		94
36) 4-Chloro-3-methylphenol	8.77	107	117202	57.26	ng		95
37) 2-Methylnaphthalene	8.94	142	206593	49.80	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	113998	49.34	ng		99
40) Hexachlorocyclopentadiene	9.10	237	61467	61.75	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	65837	57.54	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	66360	55.49	ng		98
45) 1,1'-Biphenyl	9.41	154	272277	48.20	ng		99
46) 2-Chloronaphthalene	9.44	162	223533	50.10	ng		96
47) 2-Nitroaniline	9.53	65	69768	78.69	ng		93
48) Acenaphthylene	9.86	152	332431	50.76	ng		99
49) Dimethylphthalate	9.71	163	251243	53.09	ng		99
50) 2,6-Dinitrotoluene	9.77	165	49659	75.52	ng		93
51) Acenaphthene	10.03	154	203554	52.91	ng		96
52) 3-Nitroaniline	9.94	138	55143	76.67	ng	#	94
53) 2,4-Dinitrophenol	10.04	184	13388	113.98	ng	#	75
54) Dibenzofuran	10.20	168	288963	51.13	ng		100
55) 4-Nitrophenol	10.08	139	39310	69.56	ng		90
56) 2,4-Dinitrotoluene	10.17	165	61780	77.95	ng	#	96
57) Fluorene	10.54	166	235746	52.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	54588	63.31	ng		98
59) Diethylphthalate	10.41	149	226488	51.87	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	101625	52.19	ng		97
61) 4-Nitroaniline	10.54	138	56720	70.59	ng		90
62) Azobenzene	10.69	77	257137	53.46	ng		98
64) 4,6-Dinitro-2-methylphenol	10.58	198	21556	105.24	ng		82
65) n-Nitrosodiphenylamine	10.65	169	198888	49.37	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	63770	54.23	ng		92
67) Hexachlorobenzene	11.09	284	66951	50.12	ng	#	94
68) Atrazine	11.17	200	61132	56.56	ng		99
69) Pentachlorophenol	11.28	266	36413	68.66	ng		99
70) Phenanthrene	11.50	178	344988	49.74	ng		99
71) Anthracene	11.55	178	322745	50.28	ng		100
72) Carbazole	11.71	167	287390	49.43	ng		98
73) Di-n-butylphthalate	12.05	149	331546	52.26	ng		100
74) Fluoranthene	12.72	202	324299	51.68	ng		93
76) Benzidine	12.84	184	159305	53.20	ng		97
77) Pyrene	12.96	202	340018	49.59	ng		98
79) Butylbenzylphthalate	13.63	149	120417	61.17	ng	#	81
80) Benzo(a)anthracene	14.27	228	292273	51.07	ng		99
81) 3,3'-Dichlorobenzidine	14.24	252	87935	55.34	ng		95
82) Chrysene	14.32	228	291378	50.95	ng		97
83) Bis(2-ethylhexyl)phthalate	14.29	149	183870	56.99	ng	#	99
84) Di-n-octyl phthalate	15.04	149	246338	59.91	ng		95
85) Indeno(1,2,3-cd)pyrene	17.47	276	233104	57.36	ng		98
87) Benzo(b)fluoranthene	15.51	252	245168	51.49	ng	#	96
88) Benzo(k)fluoranthene	15.54	252	226530m	48.05	ng		
89) Benzo(a)pyrene	15.89	252	216156	52.38	ng	#	90
90) Dibenzo(a,h)anthracene	17.49	278	195463	55.50	ng		98
91) Benzo(g,h,i)perylene	17.92	276	200072	55.86	ng	#	94

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

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