Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083334.D
Acq On : 27 Nov 2015 17:35
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
12/1/2015 5:22:59 PM

Quant Time: Nov 27 18:13:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 17:51:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	150247	20.00	ng		0.01
21) Naphthalene-d8	7.85	136	555511	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	269487	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	433954	20.00	ng		0.00
75) Chrysene-d12	13.69	240	319722	20.00	ng		0.00
86) Perylene-d12	15.04	264	351419	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1254484	60.58	ng		0.01
7) Phenol-d6	6.24	99	1503993	54.22	ng		0.00
23) Nitrobenzene-d5	7.14	82	1437336	56.45	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	274251	54.95	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	2009762	51.62	ng		0.00
78) Terphenyl-d14	12.65	244	1374182	41.82	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.59	79	867850	69.90	ng		91
4) n-Nitrosodimethylamine	2.56	42	400123	62.86	ng		91
6) Aniline	6.23	93	1085389	58.03	ng		98
8) 2-Chlorophenol	6.35	128	636622	56.40	ng		97
9) Benzaldehyde	6.10	77	358739	46.97	ng		94
10) Phenol	6.25	94	897898	54.24	ng		84
11) bis(2-Chloroethyl)ether	6.32	93	710743	58.09	ng		99
12) 1,3-Dichlorobenzene	6.50	146	704495	56.58	ng		98
13) 1,4-Dichlorobenzene	6.58	146	743427	57.13	ng		99
14) 1,2-Dichlorobenzene	6.74	146	674743	56.32	ng		97
15) Benzyl Alcohol	6.73	79	582961	54.88	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1244197	58.58	ng	#	65
17) 2-Methylphenol	6.86	107	514802	56.28	ng		98
18) Hexachloroethane	7.07	117	261160	56.93	ng	#	80
19) n-Nitroso-di-n-propylamine	7.00	70	530771	54.52	ng		98
20) 3+4-Methylphenols	7.02	107	680005	54.63	ng		95
22) Acetophenone	6.99	105	955555	57.86	ng	#	98
24) Nitrobenzene	7.16	77	847575	62.00	ng		96
25) Isophorone	7.40	82	1403080	57.66	ng		97
26) 2-Nitrophenol	7.48	139	326569	58.86	ng	#	86
27) 2,4-Dimethylphenol	7.54	122	564969	60.66	ng		94
28) bis(2-Chloroethoxy)methane	7.62	93	768163	56.24	ng		99
29) 2,4-Dichlorophenol	7.74	162	520886	58.42	ng		93
30) 1,2,4-Trichlorobenzene	7.80	180	589313	60.83	ng		97
31) Naphthalene	7.87	128	1690407	54.56	ng		98
32) Benzoic acid	7.70	122	316331	74.91	ng		96
33) 4-Chloroaniline	7.94	127	748438	57.87	ng		94
34) Hexachlorobutadiene	8.00	225	323584	57.89	ng		99
35) Caprolactam	8.33	113	139074	54.64	ng		95
36) 4-Chloro-3-methylphenol	8.44	107	576953	58.74	ng		96
37) 2-Methylnaphthalene	8.57	142	1174227	58.50	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	513728	58.82	ng		100
40) Hexachlorocyclopentadiene	8.73	237	279150	80.77	ng		99
42) 2,4,6-Trichlorophenol	8.86	196	360693	59.53	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	380274	62.22	ng	#	91
45) 1,1'-Biphenyl	9.04	154	1447040	59.13	ng		99
46) 2-Chloronaphthalene	9.05	162	1024287	55.74	ng	#	93
47) 2-Nitroaniline	9.16	65	417538	59.56	ng	#	79
48) Acenaphthylene	9.46	152	1521436	52.38	ng		99
49) Dimethylphthalate	9.35	163	1104271	52.76	ng		100
50) 2,6-Dinitrotoluene	9.40	165	262099	58.17	ng		88
51) Acenaphthene	9.63	154	897744	53.75	ng		100
52) 3-Nitroaniline	9.58	138	317606	61.70	ng	#	81
53) 2,4-Dinitrophenol	9.68	184	116426	94.54	ng		92
54) Dibenzofuran	9.80	168	1245119	51.21	ng		97
55) 4-Nitrophenol	9.76	139	173661	69.51	ng		92
56) 2,4-Dinitrotoluene	9.80	165	310993	54.60	ng		94
57) Fluorene	10.15	166	1080588	54.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	263850	54.66	ng		99
59) Diethylphthalate	10.04	149	1123855	56.35	ng		100
60) 4-Chlorophenyl-phenylether	10.15	204	517770	56.85	ng	#	84
61) 4-Nitroaniline	10.18	138	248148	50.61	ng		89
62) Azobenzene	10.31	77	1351319	53.98	ng		88
64) 4,6-Dinitro-2-methylphenol	10.22	198	177025	79.52	ng		82
65) n-Nitrosodiphenylamine	10.27	169	943908	58.50	ng		98
66) 4-Bromophenyl-phenylether	10.63	248	296079	59.87	ng	#	88
67) Hexachlorobenzene	10.70	284	321132	57.57	ng	#	83
68) Atrazine	10.80	200	229582	51.49	ng		99
69) Pentachlorophenol	10.89	266	170345	75.16	ng		96
70) Phenanthrene	11.10	178	1413082	53.69	ng		99
71) Anthracene	11.15	178	1462126	53.91	ng		98
72) Carbazole	11.31	167	1250576	55.21	ng		99
73) Di-n-butylphthalate	11.66	149	1466652	54.52	ng		98
74) Fluoranthene	12.27	202	1256931	51.24	ng		99
76) Benzidine	12.41	184	541320	46.06	ng		97
77) Pyrene	12.50	202	1281010	46.91	ng		97
79) Butylbenzylphthalate	13.13	149	492734	50.60	ng	#	83
80) Benzo(a)anthracene	13.68	228	1109669	54.52	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	393389	62.22	ng	#	98
82) Chrysene	13.71	228	989806	51.12	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	747615	61.21	ng	#	96
84) Di-n-octyl phthalate	14.31	149	1350541	68.90	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.25	276	1480367	68.71	ng		96
87) Benzo(b)fluoranthene	14.69	252	1351125m	55.47	ng		
88) Benzo(k)fluoranthene	14.71	252	913464m	47.02	ng		
89) Benzo(a)pyrene	14.98	252	1074228	55.06	ng	#	93
90) Dibenzo(a,h)anthracene	16.26	278	1218661	55.76	ng	#	95
91) Benzo(g,h,i)perylene	16.62	276	1240217	56.37	ng	#	95

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

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