Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083599.D
Acq On : 8 Dec 2015 16:49
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:17 PM

Quant Time: Dec 08 18:03:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 17:21:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	157847	20.00	ng		0.00
21) Naphthalene-d8	7.61	136	598773	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	293073	20.00	ng		0.01
63) Phenanthrene-d10	12.79	188	539555	20.00	ng		0.00
75) Chrysene-d12	16.99	240	434550	20.00	ng		0.00
86) Perylene-d12	18.64	264	312058	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	1201292	115.13	ng		0.00
7) Phenol-d6	5.28	99	1588747	110.78	ng		0.00
23) Nitrobenzene-d5	6.54	82	1507351	117.99	ng		0.01
41) 2,4,6-Tribromophenol	11.69	330	313691	116.29	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2357053	109.68	ng		0.00
78) Terphenyl-d14	15.41	244	2117440	109.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	280122	51.89	ng		97
3) Pyridine	2.26	79	773197	60.38	ng		98
4) n-Nitrosodimethylamine	2.24	42	418345	63.78	ng		90
6) Aniline	5.26	93	1028837	55.46	ng		91
8) 2-Chlorophenol	5.42	128	650489	56.24	ng		98
9) Benzaldehyde	5.10	77	370498	45.59	ng		99
10) Phenol	5.30	94	982590	57.93	ng	#	78
11) bis(2-Chloroethyl)ether	5.37	93	716424	57.53	ng		100
12) 1,3-Dichlorobenzene	5.62	146	723539	56.30	ng		100
13) 1,4-Dichlorobenzene	5.72	146	729193	55.56	ng		100
14) 1,2-Dichlorobenzene	5.94	146	678628	56.07	ng		99
15) Benzyl Alcohol	5.96	79	603288	60.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	1295386	55.95	ng	#	61
17) 2-Methylphenol	6.14	107	535712	55.95	ng		95
18) Hexachloroethane	6.42	117	265980	57.82	ng		95
19) n-Nitroso-di-n-propylamine	6.35	70	559497	58.35	ng		96
20) 3+4-Methylphenols	6.38	107	699127	56.67	ng		100
22) Acetophenone	6.33	105	1002143	58.21	ng	#	99
24) Nitrobenzene	6.57	77	804665	56.99	ng		96
25) Isophorone	6.94	82	1470404	59.73	ng		98
26) 2-Nitrophenol	7.05	139	346250	62.08	ng		91
27) 2,4-Dimethylphenol	7.17	122	587702	59.86	ng		97
28) bis(2-Chloroethoxy)methane	7.29	93	801119	58.47	ng		99
29) 2,4-Dichlorophenol	7.45	162	543216	61.17	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	573177	58.40	ng		99
31) Naphthalene	7.64	128	1836483	57.83	ng		99
32) Benzoic acid	7.52	122	379447	71.87	ng		98
33) 4-Chloroaniline	7.77	127	692304	56.07	ng		96
34) Hexachlorobutadiene	7.85	225	341653	58.92	ng		97
35) Caprolactam	8.42	113	166728	59.06	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	601950	60.21	ng		94
37) 2-Methylnaphthalene	8.74	142	1133785	57.51	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	553050	57.30	ng	#	100
40) Hexachlorocyclopentadiene	8.99	237	109060	42.17	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	336942	56.01	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	347179	56.13	ng	#	89
45) 1,1'-Biphenyl	9.49	154	1430174	55.09	ng		97
46) 2-Chloronaphthalene	9.52	162	1104119	56.34	ng		99
47) 2-Nitroaniline	9.72	65	415691	59.47	ng		98
48) Acenaphthylene	10.17	152	1811670	56.49	ng		100
49) Dimethylphthalate	10.05	163	1350652	58.36	ng		99
50) 2,6-Dinitrotoluene	10.14	165	287856	59.25	ng	#	82
51) Acenaphthene	10.44	154	1037989	56.10	ng		99
52) 3-Nitroaniline	10.41	138	304870	57.95	ng		90
53) 2,4-Dinitrophenol	10.61	184	139412	66.38	ng		99
54) Dibenzofuran	10.73	168	1442960	56.21	ng		94
55) 4-Nitrophenol	10.82	139	147367	51.84	ng		87
56) 2,4-Dinitrotoluene	10.80	165	382020	59.69	ng		90
57) Fluorene	11.29	166	1247821	56.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	263821	56.66	ng	#	100
59) Diethylphthalate	11.20	149	1315354	59.16	ng		98
60) 4-Chlorophenyl-phenylether	11.31	204	606411	56.67	ng		95
61) 4-Nitroaniline	11.41	138	287190	60.39	ng		89
62) Azobenzene	11.56	77	1477131	61.41	ng		94
64) 4,6-Dinitro-2-methylphenol	11.47	198	219227	63.75	ng	#	78
65) n-Nitrosodiphenylamine	11.53	169	1031217	57.81	ng		98
66) 4-Bromophenyl-phenylether	12.09	248	356657	60.32	ng		92
67) Hexachlorobenzene	12.17	284	371165	58.77	ng		99
68) Atrazine	12.44	200	295371	54.66	ng		98
69) Pentachlorophenol	12.53	266	101246	42.83	ng		98
70) Phenanthrene	12.83	178	1774545	56.73	ng		99
71) Anthracene	12.91	178	1797819	56.24	ng		99
72) Carbazole	13.21	167	1561140	56.90	ng	#	97
73) Di-n-butylphthalate	13.84	149	2026379	60.86	ng		99
74) Fluoranthene	14.75	202	1799190	57.79	ng		98
76) Benzidine	15.03	184	732926	47.65	ng		97
77) Pyrene	15.11	202	1782772	55.29	ng		98
79) Butylbenzylphthalate	16.25	149	856473	66.55	ng		96
80) Benzo(a)anthracene	16.98	228	1412951	55.77	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	480450	58.74	ng		98
82) Chrysene	17.03	228	1430122	56.48	ng		100
83) Bis(2-ethylhexyl)phthalate	17.09	149	1162610	67.88	ng		99
84) Di-n-octyl phthalate	17.86	149	1730366	70.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	937810	44.81	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	1014255m	57.94	ng		
88) Benzo(k)fluoranthene	18.28	252	1161875m	63.78	ng		
89) Benzo(a)pyrene	18.58	252	998368	58.73	ng	#	95
90) Dibenzo(a,h)anthracene	19.86	278	813786	51.60	ng		98
91) Benzo(g,h,i)perylene	20.21	276	803738	50.70	ng		98

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

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