Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080726.D
Acq On : 31 Jul 2015 10:59
Operator : TP/UM
Sample : G3114-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)MSD

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:10 AM

Quant Time: Aug 01 01:00:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158471	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	594547	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	289519	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	493668	20.00	ng		0.00
75) Chrysene-d12	14.00	240	275263	20.00	ng		0.00
86) Perylene-d12	15.41	264	256757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	657715	71.20	ng		0.01
7) Phenol-d6	6.48	99	527565	41.95	ng		-0.01
23) Nitrobenzene-d5	7.42	82	1254927	102.21	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	448951	149.44	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1890779	97.43	ng		0.00
78) Terphenyl-d14	12.96	244	1450934	99.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	78263	17.18	ng		97
3) Pyridine	3.26	79	199255	15.76	ng		96
4) n-Nitrosodimethylamine	3.18	42	126943	17.57	ng		95
6) Aniline	6.51	93	428643	23.68	ng		95
8) 2-Chlorophenol	6.64	128	383669	37.05	ng		95
9) Benzaldehyde	6.40	77	130893	14.64	ng		89
10) Phenol	6.49	94	217073	14.92	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	503905	48.47	ng		93
12) 1,3-Dichlorobenzene	6.80	146	466051	40.43	ng		97
13) 1,4-Dichlorobenzene	6.88	146	469244	39.90	ng		98
14) 1,2-Dichlorobenzene	7.02	146	420344	39.11	ng		97
15) Benzyl Alcohol	6.99	79	305752	29.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1016871	45.78	ng		99
17) 2-Methylphenol	7.10	107	268362	31.57	ng		98
18) Hexachloroethane	7.37	117	169423	38.60	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	405846	47.92	ng	#	91
20) 3+4-Methylphenols	7.26	107	303150	28.91	ng	#	57
22) Acetophenone	7.26	105	675284	47.05	ng	#	86
24) Nitrobenzene	7.44	77	560856	45.60	ng		97
25) Isophorone	7.68	82	996226	45.63	ng		98
26) 2-Nitrophenol	7.76	139	242112m	48.49	ng		
27) 2,4-Dimethylphenol	7.79	122	392124m	41.80	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	658755	50.93	ng		99
29) 2,4-Dichlorophenol	8.00	162	375802	45.07	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	363215	39.95	ng		99
31) Naphthalene	8.16	128	1316398	44.36	ng		99
32) Benzoic acid	7.86	122	61674m	9.63	ng		
33) 4-Chloroaniline	8.20	127	338919	27.06	ng	#	87
34) Hexachlorobutadiene	8.28	225	240266	40.93	ng		99
35) Caprolactam	8.58	113	21398	8.57	ng	#	74
36) 4-Chloro-3-methylphenol	8.68	107	366314	40.75	ng		98
37) 2-Methylnaphthalene	8.85	142	930961	49.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	357176	39.28	ng		98
40) Hexachlorocyclopentadiene	9.00	237	418028	74.73	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	272616m	43.10	ng		
43) 2,4,5-Trichlorophenol	9.16	196	282740m	45.07	ng		
45) 1,1'-Biphenyl	9.32	154	997738	44.94	ng		99
46) 2-Chloronaphthalene	9.34	162	782292	43.15	ng		98
47) 2-Nitroaniline	9.44	65	342539	48.55	ng		94
48) Acenaphthylene	9.76	152	1322079	45.86	ng		99
49) Dimethylphthalate	9.62	163	879428	43.10	ng		99
50) 2,6-Dinitrotoluene	9.68	165	192568	44.47	ng		88
51) Acenaphthene	9.93	154	1169062	66.47	ng		99
52) 3-Nitroaniline	9.84	138	144922	29.00	ng	#	46
53) 2,4-Dinitrophenol	9.95	184	177427	76.94	ng	#	71
54) Dibenzofuran	10.10	168	1322728	56.22	ng		98
55) 4-Nitrophenol	10.00	139	100511	27.30	ng	#	59
56) 2,4-Dinitrotoluene	10.08	165	259617	45.72	ng		94
57) Fluorene	10.44	166	1088296	59.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	226748	47.92	ng	#	97
59) Diethylphthalate	10.32	149	893760	45.45	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	358097	45.36	ng		97
61) 4-Nitroaniline	10.45	138	179405	39.77	ng		95
62) Azobenzene	10.59	77	1032761	48.48	ng		100
64) 4,6-Dinitro-2-methylphenol	10.49	198	121918	41.01	ng	#	36
65) n-Nitrosodiphenylamine	10.56	169	790424	48.84	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	263090	51.63	ng		96
67) Hexachlorobenzene	10.98	284	278141	47.20	ng		99
68) Atrazine	11.08	200	224308	Below Cal			97
69) Pentachlorophenol	11.18	266	302870	84.95	ng		99
70) Phenanthrene	11.40	178	1905217m	76.60	ng		
71) Anthracene	11.45	178	1269057m	51.93	ng		
72) Carbazole	11.61	167	2007185	94.63	ng		98
73) Di-n-butylphthalate	11.94	149	1291405	49.10	ng		99
74) Fluoranthene	12.58	202	1227524	51.05	ng		99
76) Benzidine	12.70	184	502781	50.17	ng		98
77) Pyrene	12.81	202	1206603	56.52	ng		98
79) Butylbenzylphthalate	13.44	149	446645	50.23	ng	#	63
80) Benzo(a)anthracene	13.99	228	779969	47.12	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	182450	32.29	ng		98
82) Chrysene	14.03	228	809044	50.35	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	586985	55.23	ng		98
84) Di-n-octyl phthalate	14.60	149	929872	52.18	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	855304	58.21	ng	#	86
87) Benzo(b)fluoranthene	15.01	252	680908m	44.40	ng		
88) Benzo(k)fluoranthene	15.04	252	637036m	50.47	ng		
89) Benzo(a)pyrene	15.36	252	637926	50.67	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	712776	63.24	ng	#	97
91) Benzo(g,h,i)perylene	17.22	276	740053	66.72	ng		99

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

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