Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080765.D
Acq On : 1 Aug 2015 7:10
Operator : TP/UM
Sample : G3121-08MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MS

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:40:52 PM

Quant Time: Aug 03 14:03:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 14:00:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124091	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	452251	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	225204	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	421031	20.00	ng		0.00
75) Chrysene-d12	14.00	240	287570	20.00	ng		0.00
86) Perylene-d12	15.41	264	264773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	851993	117.78	ng		0.02
7) Phenol-d6	6.49	99	1179223	119.74	ng		0.00
23) Nitrobenzene-d5	7.41	82	943686	101.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	405324	173.45	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1580729	104.72	ng		0.00
78) Terphenyl-d14	12.96	244	1524743	100.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	133637	37.46	ng	#	80
3) Pyridine	3.36	79	316340	31.96	ng		99
4) n-Nitrosodimethylamine	3.29	42	252110	44.56	ng		94
6) Aniline	6.52	93	376192	26.54	ng		96
8) 2-Chlorophenol	6.64	128	350527	43.23	ng		93
9) Benzaldehyde	6.40	77	52146	6.92	ng		83
10) Phenol	6.50	94	461035	40.46	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	361262	44.38	ng		99
12) 1,3-Dichlorobenzene	6.80	146	390441	43.26	ng		99
13) 1,4-Dichlorobenzene	6.88	146	396932	43.11	ng		98
14) 1,2-Dichlorobenzene	7.02	146	370482	44.02	ng		97
15) Benzyl Alcohol	7.00	79	281646	34.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	809471	46.54	ng		96
17) 2-Methylphenol	7.10	107	321856	48.36	ng		98
18) Hexachloroethane	7.37	117	148573	43.23	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	319134	48.12	ng	#	93
20) 3+4-Methylphenols	7.26	107	399789	48.69	ng	#	84
22) Acetophenone	7.26	105	529628	48.52	ng	#	92
24) Nitrobenzene	7.44	77	468871	50.11	ng		99
25) Isophorone	7.68	82	807933	48.65	ng		98
26) 2-Nitrophenol	7.76	139	193890	51.05	ng		89
27) 2,4-Dimethylphenol	7.79	122	358394	50.23	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	514658	52.31	ng		99
29) 2,4-Dichlorophenol	8.00	162	328889	51.86	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	311246	45.00	ng		99
31) Naphthalene	8.16	128	1011286	44.80	ng		100
32) Benzoic acid	7.90	122	199751	39.98	ng		98
33) 4-Chloroaniline	8.20	127	150005	15.75	ng	#	91
34) Hexachlorobutadiene	8.28	225	221417	49.59	ng		98
35) Caprolactam	8.57	113	78704	41.44	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	378573	55.37	ng		92
37) 2-Methylnaphthalene	8.85	142	707945	49.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	311507	44.04	ng		98
40) Hexachlorocyclopentadiene	9.00	237	402941	92.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	260038	52.85	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	252100	51.66	ng	#	92
45) 1,1'-Biphenyl	9.31	154	780728	45.21	ng		97
46) 2-Chloronaphthalene	9.33	162	628690	44.58	ng	#	90
47) 2-Nitroaniline	9.42	65	273058	49.76	ng	#	72
48) Acenaphthylene	9.76	152	1128461	50.32	ng		98
49) Dimethylphthalate	9.62	163	856085	53.94	ng		99
50) 2,6-Dinitrotoluene	9.68	165	187365	55.63	ng		95
51) Acenaphthene	9.93	154	758719	55.46	ng		99
52) 3-Nitroaniline	9.84	138	105974	27.27	ng	#	50
53) 2,4-Dinitrophenol	9.95	184	171110	95.39	ng	#	46
54) Dibenzofuran	10.10	168	989954	54.10	ng		98
55) 4-Nitrophenol	10.00	139	222810	77.81	ng	#	47
56) 2,4-Dinitrotoluene	10.08	165	249854	56.57	ng		98
57) Fluorene	10.44	166	725426	51.08	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	218828	59.46	ng		98
59) Diethylphthalate	10.32	149	833877	54.51	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	373177	61.34	ng		91
61) 4-Nitroaniline	10.45	138	162639	46.35	ng		91
62) Azobenzene	10.59	77	987684	59.60	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	108839	42.92	ng		98
65) n-Nitrosodiphenylamine	10.54	169	645145	46.74	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	245133	56.40	ng	#	91
67) Hexachlorobenzene	10.98	284	248030	49.36	ng	#	90
68) Atrazine	11.08	200	225365	67.67	ng		89
69) Pentachlorophenol	11.17	266	305038	100.31	ng		99
70) Phenanthrene	11.39	178	995107	46.91	ng		100
71) Anthracene	11.45	178	1163243	55.81	ng		100
72) Carbazole	11.60	167	865532	47.85	ng		99
73) Di-n-butylphthalate	11.94	149	1326946	59.15	ng		99
74) Fluoranthene	12.58	202	1126484	54.93	ng		98
76) Benzidine	12.69	184	336375	32.13	ng		100
77) Pyrene	12.81	202	1113248	49.91	ng		99
79) Butylbenzylphthalate	13.43	149	452164	48.73	ng		87
80) Benzo(a)anthracene	13.99	228	790401	45.70	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	187080	31.69	ng	#	97
82) Chrysene	14.02	228	699544	41.67	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	617052	55.58	ng	#	93
84) Di-n-octyl phthalate	14.60	149	971257	52.17	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	806492	52.80	ng	#	89
87) Benzo(b)fluoranthene	15.01	252	827528m	52.32	ng		
88) Benzo(k)fluoranthene	15.04	252	584999m	44.94	ng		
89) Benzo(a)pyrene	15.36	252	696936	53.68	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	679814	58.49	ng		98
91) Benzo(g,h,i)perylene	17.21	276	666914	58.31	ng		97

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

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