Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080017.D
Acq On : 17 Jun 2015 6:55
Operator : TP/IZ
Sample : G2651-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MS

Manual Integrations APPROVED
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6/17/2015 5:13:11 PM

Quant Time: Jun 17 14:51:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	46731	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	183673	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	91161	20.00	ng		0.00
63) Phenanthrene-d10	11.93	188	197722	20.00	ng		0.01
75) Chrysene-d12	15.01	240	216914	20.00	ng		0.10
86) Perylene-d12	16.96	264	220247	20.00	ng		0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	432068	169.54	ng		0.01
7) Phenol-d6	6.96	99	574153	165.36	ng		0.01
23) Nitrobenzene-d5	7.91	82	358376	128.74	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	159936	173.18	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	645213	99.11	ng		0.00
78) Terphenyl-d14	13.67	244	845719	89.89	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	45541	39.28	ng		98
3) Pyridine	4.07	79	115835	38.99	ng		98
4) n-Nitrosodimethylamine	3.98	42	75432	51.52	ng	#	95
6) Aniline	7.01	93	215868	42.96	ng		95
8) 2-Chlorophenol	7.13	128	151307	48.85	ng		88
9) Benzaldehyde	6.89	77	98403	49.31	ng		97
10) Phenol	6.97	94	194099	50.83	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	139342	45.35	ng		89
12) 1,3-Dichlorobenzene	7.29	146	165546	45.82	ng		97
13) 1,4-Dichlorobenzene	7.37	146	183218	48.82	ng		97
14) 1,2-Dichlorobenzene	7.53	146	159151m	47.74	ng		
15) Benzyl Alcohol	7.48	79	146686	52.69	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.61	45	227426	49.97	ng		100
17) 2-Methylphenol	7.58	107	121461	44.89	ng		95
18) Hexachloroethane	7.88	117	56452	48.57	ng		93
19) n-Nitroso-di-n-propylamine	7.75	70	113000	45.55	ng	#	91
20) 3+4-Methylphenols	7.74	107	173160	50.07	ng		94
22) Acetophenone	7.75	105	222756	51.35	ng	#	93
24) Nitrobenzene	7.93	77	157086	53.05	ng	#	75
25) Isophorone	8.16	82	297252	45.88	ng		95
26) 2-Nitrophenol	8.25	139	73655	69.42	ng		92
27) 2,4-Dimethylphenol	8.28	122	141512	48.74	ng		94
28) bis(2-Chloroethoxy)methane	8.37	93	201929	52.49	ng		98
29) 2,4-Dichlorophenol	8.49	162	135143	55.58	ng		86
30) 1,2,4-Trichlorobenzene	8.58	180	148047	47.90	ng		98
31) Naphthalene	8.66	128	459157	45.73	ng		99
32) Benzoic acid	8.33	122	73954m	62.16	ng		
33) 4-Chloroaniline	8.70	127	151494m	38.87	ng		
34) Hexachlorobutadiene	8.79	225	81394	47.44	ng		98
35) Caprolactam	9.04	113	39831	51.79	ng		89
36) 4-Chloro-3-methylphenol	9.17	107	134647	48.47	ng		86
37) 2-Methylnaphthalene	9.36	142	334725	49.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	150714	49.36	ng		98
40) Hexachlorocyclopentadiene	9.52	237	69346	58.48	ng		100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	103848	55.20	ng		99
43) 2,4,5-Trichlorophenol	9.67	196	103314	49.75	ng	#	93
45) 1,1'-Biphenyl	9.83	154	371034	50.29	ng		91
46) 2-Chloronaphthalene	9.85	162	291753	46.45	ng		99
47) 2-Nitroaniline	9.93	65	81265	59.14	ng		96
48) Acenaphthylene	10.28	152	501683	47.31	ng		99
49) Dimethylphthalate	10.12	163	379938	52.02	ng	#	96
50) 2,6-Dinitrotoluene	10.17	165	71104	52.94	ng		93
51) Acenaphthene	10.45	154	298079	49.46	ng		98
52) 3-Nitroaniline	10.34	138	74156	45.84	ng		98
53) 2,4-Dinitrophenol	10.46	184	41066	112.00	ng	#	1
54) Dibenzofuran	10.62	168	416697	47.32	ng		97
55) 4-Nitrophenol	10.49	139	142579	120.95	ng	#	79
56) 2,4-Dinitrotoluene	10.58	165	102179	56.79	ng	#	88
57) Fluorene	10.97	166	351330	45.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	88941	56.51	ng	#	98
59) Diethylphthalate	10.81	149	338965	46.42	ng		99
60) 4-Chlorophenyl-phenylether	10.95	204	166966	48.71	ng		98
61) 4-Nitroaniline	10.96	138	78236	46.10	ng		97
62) Azobenzene	11.11	77	343254	48.85	ng		99
64) 4,6-Dinitro-2-methylphenol	11.00	198	34807	71.01	ng		83
65) n-Nitrosodiphenylamine	11.06	169	314799	49.32	ng		99
66) 4-Bromophenyl-phenylether	11.45	248	108599	49.01	ng		98
67) Hexachlorobenzene	11.53	284	115092	47.62	ng		99
68) Atrazine	11.59	200	103889	52.88	ng		96
69) Pentachlorophenol	11.73	266	125390	107.66	ng		98
70) Phenanthrene	11.96	178	561574	47.66	ng		99
71) Anthracene	12.01	178	562309	49.31	ng		100
72) Carbazole	12.16	167	501821	45.37	ng		99
73) Di-n-butylphthalate	12.49	149	574584	47.69	ng	#	97
74) Fluoranthene	13.25	202	588911	45.21	ng		97
76) Benzidine	13.37	184	326279	54.32	ng		99
77) Pyrene	13.52	202	635654	46.66	ng		99
79) Butylbenzylphthalate	14.24	149	273413	59.43	ng	#	84
80) Benzo(a)anthracene	15.00	228	622037	45.16	ng		100
81) 3,3'-Dichlorobenzidine	14.93	252	226368	51.40	ng	#	97
82) Chrysene	15.04	228	576259	47.38	ng		98
83) Bis(2-ethylhexyl)phthalate	14.97	149	410038	55.69	ng		97
84) Di-n-octyl phthalate	15.83	149	692736	57.69	ng		99
85) Indeno(1,2,3-cd)pyrene	18.86	276	672254	46.60	ng		98
87) Benzo(b)fluoranthene	16.40	252	611981m	45.35	ng		
88) Benzo(k)fluoranthene	16.45	252	603292	43.83	ng		98
89) Benzo(a)pyrene	16.88	252	597411	46.55	ng	#	97
90) Dibenzo(a,h)anthracene	18.88	278	568569	45.07	ng		99
91) Benzo(g,h,i)perylene	19.42	276	562584	43.10	ng		99

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

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