Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
Data File : BF094593.D
Acq On : 24 Apr 2017 18:54
Operator : SJ/MA
Sample : I2790-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFFS-156-VNJ213-155-160-34

Quant Time: Apr 25 05:57:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	156724	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	598882	20.00	ng		0.00
38) Acenaphthene-d10	9.38	164	253052	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	405680	20.00	ng		-0.01
75) Chrysene-d12	14.45	240	264880	20.00	ng		-0.01
86) Perylene-d12	16.08	264	248778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	1092866	115.69	ng		0.03
7) Phenol-d6	5.40	99	1239769	111.32	ng		0.00
23) Nitrobenzene-d5	6.41	82	887598	91.52	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	260618	131.67	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1489768	86.62	ng		0.00
78) Terphenyl-d14	13.18	244	1117949	112.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	154028	28.04	ng	#	83
3) Pyridine	2.72	79	369273	30.75	ng		97
4) n-Nitrosodimethylamine	2.68	42	189532	38.15	ng		81
6) Aniline	5.40	93	337851	22.83	ng	#	73
8) 2-Chlorophenol	5.54	128	445320	41.43	ng		96
9) Benzaldehyde	5.27	77	133515	15.76	ng		98
10) Phenol	5.41	94	474612	34.69	ng		95
11) bis(2-Chloroethyl)ether	5.48	93	437909	43.82	ng		98
12) 1,3-Dichlorobenzene	5.70	146	471564	39.60	ng		98
13) 1,4-Dichlorobenzene	5.78	146	472804	39.46	ng		97
14) 1,2-Dichlorobenzene	5.96	146	432139	39.15	ng		95
15) Benzyl Alcohol	5.95	79	332640	40.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	564869	43.11	ng		63
17) 2-Methylphenol	6.09	107	349337	41.26	ng	#	89
18) Hexachloroethane	6.34	117	157090	38.24	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	328334	44.50	ng		96
20) 3+4-Methylphenols	6.27	107	476681	41.44	ng	#	62
22) Acetophenone	6.24	105	657462	45.15	ng	#	85
24) Nitrobenzene	6.44	77	456866	44.73	ng		95
25) Isophorone	6.72	82	834512	46.42	ng		95
26) 2-Nitrophenol	6.81	139	241982	44.10	ng		97
27) 2,4-Dimethylphenol	6.88	122	396184	44.45	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	542251	46.63	ng		100
29) 2,4-Dichlorophenol	7.11	162	375120	45.24	ng		99
30) 1,2,4-Trichlorobenzene	7.19	180	372281	43.43	ng		99
31) Naphthalene	7.28	128	1271459	44.16	ng		100
32) Benzoic acid	7.09	122	208406	44.22	ng		96
33) 4-Chloroaniline	7.36	127	96690	8.07	ng	#	93
34) Hexachlorobutadiene	7.43	225	187675	43.91	ng		97
35) Caprolactam	7.83	113	95950m	36.84	ng		
36) 4-Chloro-3-methylphenol	7.99	107	387224	44.56	ng		89
37) 2-Methylnaphthalene	8.12	142	863011	43.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	333412	46.27	ng		99
40) Hexachlorocyclopentadiene	8.31	237	170698	58.56	ng		99

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Quant Time: Apr 25 05:57:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	239513	47.33	ng		97
43) 2,4,5-Trichlorophenol	8.54	196	245533	47.25	ng	#	92
45) 1,1'-Biphenyl	8.70	154	943415	45.63	ng		98
46) 2-Chloronaphthalene	8.71	162	735079	44.71	ng		95
47) 2-Nitroaniline	8.85	65	220103	46.54	ng	#	86
48) Acenaphthylene	9.21	152	1151265	44.92	ng		99
49) Dimethylphthalate	9.10	163	957409	50.77	ng		98
50) 2,6-Dinitrotoluene	9.15	165	202331	47.80	ng	#	91
51) Acenaphthene	9.43	154	692454	45.11	ng		100
52) 3-Nitroaniline	9.35	138	91367	18.66	ng		91
53) 2,4-Dinitrophenol	9.50	184	105752	48.49	ng	#	67
54) Dibenzofuran	9.64	168	1011505	45.34	ng		99
55) 4-Nitrophenol	9.62	139	279347m	80.74	ng		
56) 2,4-Dinitrotoluene	9.65	165	252770	48.67	ng	#	90
57) Fluorene	10.06	166	753693	43.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	177770	47.73	ng		96
59) Diethylphthalate	9.95	149	884381	49.70	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	338159	46.77	ng	#	86
61) 4-Nitroaniline	10.11	138	184164	36.99	ng		95
62) Azobenzene	10.27	77	823859	47.69	ng		94
64) 4,6-Dinitro-2-methylphenol	10.15	198	83461	31.40	ng	#	71
65) n-Nitrosodiphenylamine	10.22	169	712400	50.49	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	207818	51.59	ng		98
67) Hexachlorobenzene	10.74	284	198238	48.83	ng	#	86
68) Atrazine	10.90	200	200912	47.60	ng		97
69) Pentachlorophenol	10.99	266	182885	113.46	ng		99
70) Phenanthrene	11.24	178	1060210	46.41	ng		99
71) Anthracene	11.30	178	1101821	46.63	ng		98
72) Carbazole	11.51	167	1001875	45.17	ng		98
73) Di-n-butylphthalate	11.96	149	1332036	54.55	ng		99
74) Fluoranthene	12.69	202	973396	41.11	ng		99
76) Benzidine	12.87	184	58800	5.48	ng		95
77) Pyrene	12.97	202	953688	51.53	ng		99
79) Butylbenzylphthalate	13.79	149	480489	59.24	ng		89
80) Benzo(a)anthracene	14.44	228	736420	47.83	ng		100
81) 3,3'-Dichlorobenzidine	14.42	252	191782	35.19	ng	#	97
82) Chrysene	14.49	228	676755	48.10	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	691225	63.48	ng	#	100
84) Di-n-octyl phthalate	15.27	149	1074357	58.82	ng		97
85) Indeno(1,2,3-cd)pyrene	17.35	276	684971	51.16	ng		98
87) Benzo(b)fluoranthene	15.68	252	724199	47.59	ng		98
88) Benzo(k)fluoranthene	15.71	252	655451m	45.51	ng		
89) Benzo(a)pyrene	16.02	252	670787	47.38	ng		99
90) Dibenzo(a,h)anthracene	17.37	278	580561	49.38	ng		97
91) Benzo(g,h,i)perylene	17.73	276	569380	47.57	ng		98

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

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