Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094542.D
Acq On : 20 Apr 2017 14:05
Operator : SJ/MA
Sample : I2744-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)20170418MSD

Manual Integrations APPROVED
mohammad
4/21/2017 11:36:01 AM

Quant Time: Apr 20 17:58:20 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	5.77	152	116899	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	472102	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	219337	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	400769	20.00	ng		0.00
75) Chrysene-d12	14.47	240	318494	20.00	ng		0.00
86) Perylene-d12	16.08	264	250767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	979421	139.00	ng		0.02
7) Phenol-d6	5.40	99	1211598	145.86	ng		0.00
23) Nitrobenzene-d5	6.42	82	771657	100.93	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	273407	159.36	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1367252	91.72	ng		0.00
78) Terphenyl-d14	13.19	244	1287353	108.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	137755	33.62	ng		96
3) Pyridine	2.65	79	359194	40.11	ng		99
4) n-Nitrosodimethylamine	2.59	42	171236	46.21	ng		90
6) Aniline	5.40	93	348604	31.58	ng	#	81
8) 2-Chlorophenol	5.54	128	388555	48.46	ng		97
9) Benzaldehyde	5.27	77	73646	11.65	ng		97
10) Phenol	5.42	94	512036	50.18	ng		90
11) bis(2-Chloroethyl)ether	5.48	93	357472	47.95	ng		97
12) 1,3-Dichlorobenzene	5.70	146	406583	45.77	ng		99
13) 1,4-Dichlorobenzene	5.79	146	413436	46.26	ng		97
14) 1,2-Dichlorobenzene	5.96	146	384056	46.65	ng		98
15) Benzyl Alcohol	5.95	79	300609	48.78	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.10	45	472066	48.30	ng		72
17) 2-Methylphenol	6.09	107	308962	48.93	ng	#	94
18) Hexachloroethane	6.35	117	141730	46.26	ng	#	86
19) n-Nitroso-di-n-propylamine	6.26	70	276569	50.25	ng		97
20) 3+4-Methylphenols	6.28	107	434460	50.63	ng	#	62
22) Acetophenone	6.25	105	554445	48.30	ng	#	85
24) Nitrobenzene	6.44	77	392340	48.73	ng		95
25) Isophorone	6.73	82	723295	51.03	ng		95
26) 2-Nitrophenol	6.81	139	221604	51.23	ng		95
27) 2,4-Dimethylphenol	6.89	122	343228	48.85	ng		99
28) bis(2-Chloroethoxy)methane	6.99	93	464569	50.67	ng		99
29) 2,4-Dichlorophenol	7.11	162	338236	51.75	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	322485	47.72	ng		99
31) Naphthalene	7.29	128	1104298	48.66	ng		100
32) Benzoic acid	7.01	122	19811	5.33	ng		94
33) 4-Chloroaniline	7.37	127	90848	9.62	ng	#	91
34) Hexachlorobutadiene	7.44	225	162755	48.31	ng		97
35) Caprolactam	7.83	113	110563m	53.85	ng		
36) 4-Chloro-3-methylphenol	8.00	107	354613	51.77	ng		89
37) 2-Methylnaphthalene	8.13	142	763961	49.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	296521	47.48	ng		99
40) Hexachlorocyclopentadiene	8.32	237	277356	109.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	227409	51.85	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	228805	50.80	ng		92
45) 1,1'-Biphenyl	8.70	154	819574	45.73	ng		97
46) 2-Chloronaphthalene	8.72	162	682326	47.88	ng		96
47) 2-Nitroaniline	8.86	65	207013	50.50	ng	#	79
48) Acenaphthylene	9.22	152	1077648	48.51	ng		99
49) Dimethylphthalate	9.10	163	1004335	61.44	ng		99
50) 2,6-Dinitrotoluene	9.17	165	190943	52.04	ng		91
51) Acenaphthene	9.44	154	653918	49.15	ng		99
52) 3-Nitroaniline	9.37	138	106936	25.19	ng		88
53) 2,4-Dinitrophenol	9.51	184	118977	61.22	ng	#	68
54) Dibenzofuran	9.65	168	962476	49.77	ng		99
55) 4-Nitrophenol	9.63	139	359394m	119.84	ng		
56) 2,4-Dinitrotoluene	9.66	165	249830	55.49	ng	#	80
57) Fluorene	10.07	166	758685	50.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	177424	54.96	ng		98
59) Diethylphthalate	9.97	149	839166	54.41	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	331393	52.88	ng		96
61) 4-Nitroaniline	10.12	138	202532	46.93	ng		97
62) Azobenzene	10.28	77	821222	54.84	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	132168	50.33	ng	#	72
65) n-Nitrosodiphenylamine	10.23	169	729004	52.30	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	210541	52.91	ng		98
67) Hexachlorobenzene	10.75	284	207838	51.82	ng	#	84
68) Atrazine	10.91	200	215840	51.76	ng		98
69) Pentachlorophenol	11.00	266	192139	120.66	ng		97
70) Phenanthrene	11.25	178	1098264	48.66	ng		98
71) Anthracene	11.31	178	1141863	48.91	ng		98
72) Carbazole	11.52	167	1107615	50.55	ng		99
73) Di-n-butylphthalate	11.97	149	1343637	55.69	ng		98
74) Fluoranthene	12.71	202	1174502	50.21	ng		100
76) Benzidine	12.88	184	329213	25.53	ng	#	92
77) Pyrene	12.98	202	1155690	51.94	ng		100
79) Butylbenzylphthalate	13.81	149	571883	58.64	ng		89
80) Benzo(a)anthracene	14.45	228	936627	50.60	ng		100
81) 3,3'-Dichlorobenzidine	14.43	252	203564	31.06	ng	#	96
82) Chrysene	14.50	228	851302	50.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	829753	63.37	ng	#	98
84) Di-n-octyl phthalate	15.27	149	1233289	56.15	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	782314	48.60	ng		99
87) Benzo(b)fluoranthene	15.69	252	741620	48.35	ng		98
88) Benzo(k)fluoranthene	15.72	252	734097	50.57	ng		96
89) Benzo(a)pyrene	16.03	252	714533	50.07	ng		97
90) Dibenzo(a,h)anthracene	17.38	278	639779	53.99	ng		98
91) Benzo(g,h,i)perylene	17.74	276	661008	54.79	ng		98

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

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