Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104945.D
Acq On : 30 Apr 2018 20:47
Operator : JU/SJ
Sample : J2597-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KS-RO-133MS

Manual Integrations APPROVED

Quant Time: May 01 07:00:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

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5/1/2018 7:05:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118646	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	492562	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	223073	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	360744	20.00	ng		0.00
75) Chrysene-d12	13.97	240	226463	20.00	ng		0.00
86) Perylene-d12	15.43	264	199483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	839401	108.18	ng		0.02
7) Phenol-d6	6.44	99	918810	96.37	ng		0.00
23) Nitrobenzene-d5	7.36	82	690456	91.53	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	263117	113.71	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1271838	90.07	ng		0.00
78) Terphenyl-d14	12.91	244	979321	98.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	108368	29.973	ng	#	74
3) Pyridine	3.42	79	204546m	20.122	ng		
4) n-Nitrosodimethylamine	3.35	42	121498	34.192	ng	#	77
6) Aniline	6.46	93	124009	9.362	ng	#	87
8) 2-Chlorophenol	6.58	128	327479	39.986	ng		95
9) Benzaldehyde	6.35	77	91280	15.117	ng		97
10) Phenol	6.45	94	327834	32.408	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	312571	38.721	ng		93
12) 1,3-Dichlorobenzene	6.73	146	355322	38.297	ng		98
13) 1,4-Dichlorobenzene	6.81	146	363366	39.288	ng		98
14) 1,2-Dichlorobenzene	6.96	146	330436	38.554	ng		98
15) Benzyl Alcohol	6.94	79	257943	35.622	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	354380	32.689	ng	#	35
17) 2-Methylphenol	7.06	107	262615	36.889	ng	#	91
18) Hexachloroethane	7.30	117	125321	38.004	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	218619	35.092	ng		92
20) 3+4-Methylphenols	7.21	107	319954	36.238	ng	#	73
22) Acetophenone	7.20	105	452989	37.355	ng		99
24) Nitrobenzene	7.38	77	338011	40.586	ng		95
25) Isophorone	7.62	82	620780	38.917	ng		98
26) 2-Nitrophenol	7.69	139	176523	52.065	ng		95
27) 2,4-Dimethylphenol	7.73	122	290700	41.294	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	405768	41.605	ng		99
29) 2,4-Dichlorophenol	7.94	162	279243	41.572	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	292462	39.674	ng		99
31) Naphthalene	8.10	128	1003349	40.908	ng		99
32) Benzoic acid	7.88	122	165766	29.511	ng		93
33) 4-Chloroaniline	8.15	127	66053	6.286	ng		97
34) Hexachlorobutadiene	8.20	225	159768	39.568	ng		99
35) Caprolactam	8.53	113	60467m	25.805	ng		
36) 4-Chloro-3-methylphenol	8.65	107	289367	40.176	ng		99
37) 2-Methylnaphthalene	8.79	142	643598	40.567	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	277528	43.461	ng		98
40) Hexachlorocyclopentadiene	8.93	237	90367	25.278	ng		97

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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	9.07	196	184783	41.685 ng		98
43) 2,4,5-Trichlorophenol	9.12	196	192120	38.730 ng		96
45) 1,1'-Biphenyl	9.26	154	757595	40.427 ng		98
46) 2-Chloronaphthalene	9.28	162	592326	40.017 ng		99
47) 2-Nitroaniline	9.39	65	171147	46.755 ng		93
48) Acenaphthylene	9.70	152	859269	36.999 ng		99
49) Dimethylphthalate	9.56	163	711304	40.436 ng		100
50) 2,6-Dinitrotoluene	9.63	165	151387	46.509 ng		89
51) Acenaphthene	9.87	154	513630	36.249 ng		100
52) 3-Nitroaniline	9.80	138	98624	25.881 ng		91
53) 2,4-Dinitrophenol	9.91	184	35003	36.523 ng	#	22
54) Dibenzofuran	10.04	168	746280	37.792 ng		97
55) 4-Nitrophenol	9.97	139	163323	54.561 ng		95
56) 2,4-Dinitrotoluene	10.03	165	180421	42.257 ng	#	93
57) Fluorene	10.39	166	599058	41.679 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	141063	38.118 ng		95
59) Diethylphthalate	10.26	149	673120	38.421 ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	277890	43.413 ng		95
61) 4-Nitroaniline	10.42	138	144354	38.743 ng		95
62) Azobenzene	10.53	77	586726	35.054 ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	29490	21.563 ng		82
65) n-Nitrosodiphenylamine	10.50	169	544851	43.560 ng		99
66) 4-Bromophenyl-phenylether	10.86	248	169964	44.294 ng		94
67) Hexachlorobenzene	10.93	284	181254	41.980 ng	#	89
68) Atrazine	11.03	200	165346	43.795 ng		99
69) Pentachlorophenol	11.13	266	148762	55.693 ng		98
70) Phenanthrene	11.35	178	791890	39.418 ng		99
71) Anthracene	11.40	178	813155	39.819 ng		99
72) Carbazole	11.56	167	718131	35.987 ng		100
73) Di-n-butylphthalate	11.88	149	972441	39.893 ng		99
74) Fluoranthene	12.54	202	727464	34.658 ng		98
76) Benzidine	12.66	184	25919	Below Cal		97
77) Pyrene	12.77	202	708018	42.179 ng		100
79) Butylbenzylphthalate	13.38	149	352303	44.549 ng		96
80) Benzo(a)anthracene	13.96	228	588489	43.498 ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	149853	29.707 ng		98
82) Chrysene	14.00	228	548623	39.479 ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	486735	47.851 ng		99
84) Di-n-octyl phthalate	14.56	149	758782	44.643 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.90	276	474219	40.171 ng		95
87) Benzo(b)fluoranthene	15.01	252	556217	44.148 ng		99
88) Benzo(k)fluoranthene	15.04	252	469628	39.483 ng		99
89) Benzo(a)pyrene	15.37	252	477793	42.384 ng		99
90) Dibenzo(a,h)anthracene	16.91	278	395072	42.671 ng		97
91) Benzo(g,h,i)perylene	17.34	276	382659	42.660 ng		95

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

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