Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104453.D
Acq On : 12 Apr 2018 16:15
Operator : JU/SJ
Sample : J2335-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3MS

Manual Integrations APPROVED
Sohil
4/13/2018 4:44:05 PM

Quant Time: Apr 12 17:33:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134250	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	542165	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	232691	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	342197	20.00	ng		0.00
75) Chrysene-d12	14.00	240	232477	20.00	ng		0.00
86) Perylene-d12	15.46	264	218268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1155233	131.58	ng		0.02
7) Phenol-d6	6.46	99	1426195	132.21	ng		0.01
23) Nitrobenzene-d5	7.38	82	887095	106.84	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	300806	124.62	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1344202	91.26	ng		0.00
78) Terphenyl-d14	12.94	244	910394	89.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	161757	39.539	ng		89
3) Pyridine	3.33	79	481536	41.864	ng		88
4) n-Nitrosodimethylamine	3.29	42	175097	43.548	ng	#	82
6) Aniline	6.47	93	369886	24.679	ng	#	38
8) 2-Chlorophenol	6.60	128	442921	47.796	ng		93
9) Benzaldehyde	6.36	77	222724	41.231	ng		96
10) Phenol	6.47	94	551648	48.195	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	448013	49.049	ng		97
12) 1,3-Dichlorobenzene	6.75	146	469811	44.751	ng		97
13) 1,4-Dichlorobenzene	6.83	146	474694	45.360	ng		99
14) 1,2-Dichlorobenzene	6.99	146	432804	44.628	ng		98
15) Benzyl Alcohol	6.96	79	371934	45.394	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546583	44.558	ng		90
17) 2-Methylphenol	7.07	107	367415	45.611	ng		96
18) Hexachloroethane	7.32	117	161452	43.270	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	301562	42.779	ng		93
20) 3+4-Methylphenols	7.22	107	425086	42.549	ng	#	71
22) Acetophenone	7.23	105	581681	43.579	ng		96
24) Nitrobenzene	7.40	77	460066	50.187	ng		99
25) Isophorone	7.64	82	761523	43.373	ng		99
26) 2-Nitrophenol	7.72	139	248106	66.482	ng		92
27) 2,4-Dimethylphenol	7.75	122	355837	45.922	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	522527	48.675	ng		99
29) 2,4-Dichlorophenol	7.96	162	361148	48.847	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	375504	46.278	ng		99
31) Naphthalene	8.12	128	1175710	43.550	ng		99
32) Benzoic acid	7.85	122	74443	12.041	ng		98
33) 4-Chloroaniline	8.17	127	177051	15.308	ng		97
34) Hexachlorobutadiene	8.23	225	208486	46.910	ng		99
35) Caprolactam	8.55	113	124361m	48.217	ng		
36) 4-Chloro-3-methylphenol	8.66	107	391306	49.359	ng		99
37) 2-Methylnaphthalene	8.81	142	739646	42.355	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	328373	49.298	ng		99
40) Hexachlorocyclopentadiene	8.96	237	143046	38.360	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	247134	53.447	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	252657	48.829	ng		96
45) 1,1'-Biphenyl	9.27	154	935162	47.840	ng		99
46) 2-Chloronaphthalene	9.30	162	738751	47.846	ng		99
47) 2-Nitroaniline	9.40	65	231791	60.704	ng		97
48) Acenaphthylene	9.72	152	1055880	43.586	ng		100
49) Dimethylphthalate	9.58	163	963072	52.485	ng		99
50) 2,6-Dinitrotoluene	9.65	165	191615	56.434	ng	#	87
51) Acenaphthene	9.89	154	644662	43.615	ng		100
52) 3-Nitroaniline	9.81	138	136574	34.358	ng		97
53) 2,4-Dinitrophenol	9.92	184	50707	46.104	ng	#	18
54) Dibenzofuran	10.06	168	933057	45.298	ng		99
55) 4-Nitrophenol	9.98	139	304469	97.509	ng		92
56) 2,4-Dinitrotoluene	10.05	165	235076	52.782	ng		99
57) Fluorene	10.40	166	637692	42.533	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	178332	46.197	ng		96
59) Diethylphthalate	10.28	149	805569	44.081	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	330308	49.469	ng		97
61) 4-Nitroaniline	10.43	138	169800	43.688	ng		98
62) Azobenzene	10.56	77	732506	41.955	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	60244	37.963	ng	#	74
65) n-Nitrosodiphenylamine	10.52	169	646036	54.450	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	201619	55.392	ng		96
67) Hexachlorobenzene	10.95	284	209350	51.115	ng		96
68) Atrazine	11.05	200	190675	53.241	ng		98
69) Pentachlorophenol	11.15	266	214769	84.763	ng		96
70) Phenanthrene	11.37	178	852618	44.741	ng		99
71) Anthracene	11.42	178	837522	43.235	ng		99
72) Carbazole	11.58	167	828393	43.763	ng		99
73) Di-n-butylphthalate	11.91	149	1026514	44.393	ng		99
74) Fluoranthene	12.58	202	787463	39.550	ng		97
76) Benzidine	12.69	184	331762	42.984	ng		97
77) Pyrene	12.80	202	776305	45.050	ng		100
79) Butylbenzylphthalate	13.41	149	371778	45.795	ng		98
80) Benzo(a)anthracene	13.99	228	670662	48.289	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	181459	35.042	ng		98
82) Chrysene	14.03	228	654011	45.846	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	505367	48.397	ng		99
84) Di-n-octyl phthalate	14.59	149	852792	48.877	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	592796	48.917	ng		97
87) Benzo(b)fluoranthene	15.04	252	646920	46.928	ng		96
88) Benzo(k)fluoranthene	15.07	252	552558	42.457	ng		98
89) Benzo(a)pyrene	15.40	252	566496	45.928	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	486564	48.030	ng		98
91) Benzo(g,h,i)perylene	17.37	276	477883	48.691	ng		95

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

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