Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104247.D
Acq On : 5 Apr 2018 00:58
Operator : JU/SJ
Sample : J2203-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-D02-D02A-E02-E02AMS

Quant Time: Apr 05 02:08:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	132675	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	536716	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	238865	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	390099	20.00	ng		0.00
75) Chrysene-d12	14.14	240	241160	20.00	ng		0.00
86) Perylene-d12	15.68	264	229881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1059349	127.33	ng		0.00
7) Phenol-d6	6.60	99	1257520	122.86	ng		0.00
23) Nitrobenzene-d5	7.52	82	781318	89.03	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	313591	117.90	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1369988	90.44	ng		0.00
78) Terphenyl-d14	13.07	244	1063483	101.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	119186	33.217	ng	#	84
3) Pyridine	3.70	79	132517	14.589	ng	#	84
4) n-Nitrosodimethylamine	3.67	42	50438	18.681	ng	#	76
6) Aniline	6.63	93	320622	26.166	ng	#	76
8) 2-Chlorophenol	6.75	128	393913	43.164	ng		98
9) Benzaldehyde	6.52	77	57638	8.317	ng		98
10) Phenol	6.62	94	532596	46.962	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	421094	43.089	ng		90
12) 1,3-Dichlorobenzene	6.89	146	392332	38.245	ng		99
13) 1,4-Dichlorobenzene	6.97	146	447272	40.691	ng		99
14) 1,2-Dichlorobenzene	7.12	146	397081	40.191	ng		98
15) Benzyl Alcohol	7.10	79	254054	38.175	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	433056	40.674	ng	#	43
17) 2-Methylphenol	7.21	107	294177	39.606	ng	#	80
18) Hexachloroethane	7.45	117	136922	37.204	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	261422	43.037	ng		93
20) 3+4-Methylphenols	7.37	107	367445	38.762	ng	#	58
22) Acetophenone	7.37	105	555933	42.811	ng		99
24) Nitrobenzene	7.55	77	346116	37.483	ng		94
25) Isophorone	7.77	82	718711	44.437	ng		99
26) 2-Nitrophenol	7.86	139	203237	42.164	ng	#	90
27) 2,4-Dimethylphenol	7.89	122	324905	46.738	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	447925	44.188	ng		98
29) 2,4-Dichlorophenol	8.10	162	319742	44.036	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	341497	41.452	ng		99
31) Naphthalene	8.26	128	1158236	44.173	ng		99
32) Benzoic acid	8.02	122	78695	15.453	ng	#	82
33) 4-Chloroaniline	8.32	127	202734	18.340	ng		96
34) Hexachlorobutadiene	8.36	225	178830	39.890	ng		98
35) Caprolactam	8.69	113	78802	34.227	ng	#	73
36) 4-Chloro-3-methylphenol	8.80	107	332072	43.238	ng		98
37) 2-Methylnaphthalene	8.95	142	704747	40.804	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	327094	44.655	ng	#	97
40) Hexachlorocyclopentadiene	9.09	237	69115	24.083	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	185614	40.018	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	219989	39.282	ng		95
45) 1,1'-Biphenyl	9.41	154	872463	42.557	ng		99
46) 2-Chloronaphthalene	9.44	162	674616	41.716	ng		98
47) 2-Nitroaniline	9.55	65	190358	41.281	ng		93
48) Acenaphthylene	9.86	152	970324	39.606	ng		100
49) Dimethylphthalate	9.71	163	920197	48.793	ng		99
50) 2,6-Dinitrotoluene	9.78	165	163590	40.319	ng		96
51) Acenaphthene	10.03	154	586345	41.372	ng		99
52) 3-Nitroaniline	9.97	138	131226	28.135	ng		97
53) 2,4-Dinitrophenol	10.10	184	15822	13.882	ng	#	55
54) Dibenzofuran	10.20	168	832541	40.226	ng		97
55) 4-Nitrophenol	10.15	139	140498	50.239	ng		88
56) 2,4-Dinitrotoluene	10.19	165	202315	39.077	ng		95
57) Fluorene	10.55	166	675290	39.555	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	177235	42.241	ng	#	83
59) Diethylphthalate	10.40	149	738930	40.900	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	327570	41.776	ng		95
61) 4-Nitroaniline	10.60	138	147125	33.712	ng		91
62) Azobenzene	10.69	77	655364	40.116	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	29957	12.686	ng		93
65) n-Nitrosodiphenylamine	10.66	169	606056	45.874	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	183880	44.059	ng		91
67) Hexachlorobenzene	11.09	284	198879	41.426	ng	#	86
68) Atrazine	11.17	200	181914	44.946	ng		99
69) Pentachlorophenol	11.29	266	145632	55.127	ng		95
70) Phenanthrene	11.51	178	837156	39.637	ng		99
71) Anthracene	11.56	178	988702	44.817	ng		99
72) Carbazole	11.73	167	859119	40.802	ng		99
73) Di-n-butylphthalate	12.03	149	1075348	42.876	ng		99
74) Fluoranthene	12.70	202	814869	36.297	ng		99
76) Benzidine	12.84	184	343351	49.960	ng		97
77) Pyrene	12.94	202	762513	43.984	ng		99
79) Butylbenzylphthalate	13.53	149	385527	47.203	ng		97
80) Benzo(a)anthracene	14.13	228	582028	38.571	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	218259	43.697	ng		98
82) Chrysene	14.17	228	652329	44.137	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	493878	46.800	ng		98
84) Di-n-octyl phthalate	14.70	149	800635	44.105	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	567306	37.041	ng		97
87) Benzo(b)fluoranthene	15.22	252	570665	40.790	ng		99
88) Benzo(k)fluoranthene	15.25	252	624537	47.389	ng		98
89) Benzo(a)pyrene	15.62	252	563890	43.494	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	479279	39.984	ng		97
91) Benzo(g,h,i)perylene	17.75	276	445747	37.126	ng		96

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

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