Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103919.D
Acq On : 26 Mar 2018 12:13
Operator : JU/SJ
Sample : J1867-13MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19013071MS

Quant Time: Mar 27 07:18:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148090	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	605161	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	291643	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	528867	20.00	ng		0.00
75) Chrysene-d12	14.17	240	437344	20.00	ng		0.00
86) Perylene-d12	15.72	264	411857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	673646	69.19	ng		0.00
7) Phenol-d6	6.60	99	551416	46.29	ng		0.00
23) Nitrobenzene-d5	7.55	82	985970	113.62	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	415564	165.72	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1699147	92.94	ng		0.00
78) Terphenyl-d14	13.10	244	1722772	91.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	80341	16.758	ng	#	89
3) Pyridine	3.65	79	179870	13.640	ng	#	87
4) n-Nitrosodimethylamine	3.59	42	88405	18.182	ng	#	78
6) Aniline	6.64	93	288343	16.952	ng		96
8) 2-Chlorophenol	6.76	128	410126	40.211	ng		94
9) Benzaldehyde	6.53	77	166329	21.254	ng		96
10) Phenol	6.61	94	221950	17.535	ng		94
11) bis(2-Chloroethyl)ether	6.71	93	453897	43.439	ng		93
12) 1,3-Dichlorobenzene	6.92	146	448205	38.583	ng		100
13) 1,4-Dichlorobenzene	6.99	146	457601	39.201	ng		100
14) 1,2-Dichlorobenzene	7.15	146	428977	39.603	ng		100
15) Benzyl Alcohol	7.11	79	284586	30.835	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	595047	40.039	ng		91
17) 2-Methylphenol	7.22	107	295306	32.513	ng		99
18) Hexachloroethane	7.49	117	165070	40.202	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	322687	42.270	ng		92
20) 3+4-Methylphenols	7.37	107	321834	27.920	ng	#	75
22) Acetophenone	7.38	105	646058	41.539	ng		96
24) Nitrobenzene	7.56	77	496491	48.733	ng		95
25) Isophorone	7.80	82	934144	46.501	ng		98
26) 2-Nitrophenol	7.87	139	263438	64.035	ng		93
27) 2,4-Dimethylphenol	7.90	122	402811	46.806	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	596949	49.073	ng		99
29) 2,4-Dichlorophenol	8.12	162	386365	49.346	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	392693	43.242	ng		98
31) Naphthalene	8.28	128	1314588	43.003	ng		99
32) Benzoic acid	8.00	122	101346	23.151	ng		99
33) 4-Chloroaniline	8.32	127	196950	15.357	ng		97
34) Hexachlorobutadiene	8.39	225	199999	40.169	ng		100
35) Caprolactam	8.70	113	69629	25.826	ng	#	84
36) 4-Chloro-3-methylphenol	8.80	107	391987	45.413	ng		97
37) 2-Methylnaphthalene	8.97	142	897748	46.309	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	385514	46.335	ng		99
40) Hexachlorocyclopentadiene	9.12	237	360325	83.928	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	276464	51.949	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	298029	49.616	ng		98
45) 1,1'-Biphenyl	9.44	154	1063515	43.732	ng		99
46) 2-Chloronaphthalene	9.47	162	850449	44.029	ng		98
47) 2-Nitroaniline	9.56	65	267446	52.229	ng		93
48) Acenaphthylene	9.89	152	1289728	43.060	ng		99
49) Dimethylphthalate	9.74	163	1099399	49.409	ng		100
50) 2,6-Dinitrotoluene	9.80	165	236073	54.277	ng		95
51) Acenaphthene	10.06	154	781620	43.949	ng		99
52) 3-Nitroaniline	9.97	138	145061	29.700	ng		93
53) 2,4-Dinitrophenol	10.09	184	251551	128.788	ng	#	23
54) Dibenzofuran	10.23	168	1192891	46.963	ng		98
55) 4-Nitrophenol	10.13	139	181635	46.787	ng		91
56) 2,4-Dinitrotoluene	10.22	165	320382	57.360	ng	#	86
57) Fluorene	10.57	166	951976	48.299	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	239581	56.290	ng		92
59) Diethylphthalate	10.43	149	989385	44.800	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	423915	47.061	ng		99
61) 4-Nitroaniline	10.60	138	255242	51.143	ng		91
62) Azobenzene	10.72	77	928742	41.364	ng		93
64) 4,6-Dinitro-2-methylphenol	10.63	198	161868	69.155	ng	#	72
65) n-Nitrosodiphenylamine	10.68	169	876545	48.692	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	269675	49.663	ng		93
67) Hexachlorobenzene	11.12	284	296618	47.860	ng		93
68) Atrazine	11.20	200	277397	49.814	ng		99
69) Pentachlorophenol	11.32	266	314224	88.189	ng		98
70) Phenanthrene	11.55	178	1358737	46.966	ng		99
71) Anthracene	11.59	178	1369526	46.609	ng		100
72) Carbazole	11.75	167	1312379	45.953	ng		99
73) Di-n-butylphthalate	12.06	149	1558804	45.489	ng		100
74) Fluoranthene	12.73	202	1420644	47.665	ng		100
76) Benzidine	12.85	184	160450	8.602	ng		98
77) Pyrene	12.97	202	1432876	44.613	ng		99
79) Butylbenzylphthalate	13.57	149	720065	50.602	ng		99
80) Benzo(a)anthracene	14.16	228	1343053	48.514	ng		100
81) 3,3'-Dichlorobenzidine	14.12	252	276383	29.847	ng		98
82) Chrysene	14.20	228	1231272	46.657	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	932160	45.854	ng		99
84) Di-n-octyl phthalate	14.75	149	1677405	56.717	ng		96
85) Indeno(1,2,3-cd)pyrene	17.31	276	1186843	51.499	ng		98
87) Benzo(b)fluoranthene	15.26	252	1302712	50.066	ng		97
88) Benzo(k)fluoranthene	15.29	252	1139571	45.560	ng		99
89) Benzo(a)pyrene	15.66	252	1162130	49.242	ng		98
90) Dibenzo(a,h)anthracene	17.33	278	970337	47.483	ng		98
91) Benzo(g,h,i)perylene	17.80	276	982279	49.409	ng		97

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

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