Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112713.D
Acq On : 27 Feb 2019 11:43
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Feb 27 15:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 15:34:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	210256	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	841579	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	386144	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	747923	20.00	ng	0.00
76) Chrysene-d12	13.87	240	487537	20.00	ng	0.00
87) Perylene-d12	15.27	264	456548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1065821	107.67	ng	0.00
7) Phenol-d6	6.37	99	1332214	96.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	1138557	77.95	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	333385	74.17	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1918674	70.28	ng	0.00
79) Terphenyl-d14	12.83	244	1973373	76.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	270478	68.592	ng	100
3) Pyridine	3.13	79	721587	71.938	ng	100
4) n-Nitrosodimethylamine	3.06	42	323905	76.860	ng	100
6) Aniline	6.40	93	940390	57.473	ng	100
8) 2-Chlorophenol	6.52	128	596631	44.804	ng	100
9) Benzaldehyde	6.29	77	485274	67.499	ng	100
10) Phenol	6.39	94	800923	53.074	ng	100
11) bis(2-Chloroethyl)ether	6.47	93	602493	50.712	ng	100
12) 1,3-Dichlorobenzene	6.68	146	611501	39.431	ng	100
13) 1,4-Dichlorobenzene	6.76	146	614662	38.511	ng	100
14) 1,2-Dichlorobenzene	6.92	146	554209	37.087	ng	100
15) Benzyl Alcohol	6.88	79	520416	44.883	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1006667	65.993	ng	100
17) 2-Methylphenol	6.99	107	480204	45.490	ng	100
18) Hexachloroethane	7.26	117	237444	42.365	ng	100
19) n-Nitroso-di-n-propylamine	7.16	70	421343	44.424	ng	100
20) 3+4-Methylphenols	7.15	107	532486	39.447	ng	100
22) Acetophenone	7.15	105	788247	38.465	ng	100
24) Nitrobenzene	7.32	77	631300	43.279	ng	100
25) Isophorone	7.56	82	1181168	51.549	ng	100
26) 2-Nitrophenol	7.64	139	276732	35.499	ng	100
27) 2,4-Dimethylphenol	7.68	122	474234	44.155	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	739979	47.429	ng	100
29) 2,4-Dichlorophenol	7.87	162	471265	39.209	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	494241	35.774	ng	100
31) Naphthalene	8.05	128	1621723	41.207	ng	100
32) Benzoic acid	7.79	122	341359	55.719	ng	100
33) 4-Chloroaniline	8.09	127	700372	40.870	ng	100
34) Hexachlorobutadiene	8.17	225	281327	34.701	ng	100
35) Caprolactam	8.46	113	166599	39.292	ng	100
36) 4-Chloro-3-methylphenol	8.57	107	517636	40.683	ng	100
37) 2-Methylnaphthalene	8.73	142	1054989	39.157	ng	100
38) 1-Methylnaphthalene	8.83	142	1017291	39.394	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	446520	35.219	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	251633	66.856	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	316222	40.463	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	341277	41.783	ng	100
46) 1,1'-Biphenyl	9.20	154	1279852	37.912	ng	100
47) 2-Chloronaphthalene	9.22	162	965599	36.885	ng	100
48) 2-Nitroaniline	9.31	65	320243	44.882	ng	100
49) Acenaphthylene	9.63	152	1636795	42.659	ng	100
50) Dimethylphthalate	9.50	163	1123703	37.455	ng	100
51) 2,6-Dinitrotoluene	9.55	165	252700	37.609	ng	100
52) Acenaphthene	9.80	154	966223	42.154	ng	100
53) 3-Nitroaniline	9.72	138	305657	41.989	ng	100
54) 2,4-Dinitrophenol	9.82	184	86297	40.020	ng	100
55) Dibenzofuran	9.97	168	1381225	39.433	ng	100
56) 4-Nitrophenol	9.87	139	255166	66.302	ng	100
57) 2,4-Dinitrotoluene	9.95	165	318554	37.240	ng	100
58) Fluorene	10.32	166	981384	37.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	285363	46.232	ng	100
60) Diethylphthalate	10.20	149	1178365	39.578	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	457648	32.097	ng	100
62) 4-Nitroaniline	10.33	138	274622	38.462	ng	100
63) Azobenzene	10.47	77	1216539	46.460	ng	100
65) 4,6-Dinitro-2-methylphenol	10.36	198	119740	28.555	ng	100
66) n-Nitrosodiphenylamine	10.43	169	958571	38.028	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	313928	35.687	ng	100
68) Hexachlorobenzene	10.86	284	353734	37.481	ng	100
69) Atrazine	10.96	200	292017	35.903	ng	100
70) Pentachlorophenol	11.05	266	219684	59.822	ng	100
71) Phenanthrene	11.27	178	1512466	38.897	ng	100
72) Anthracene	11.32	178	1536388	39.666	ng	100
73) Carbazole	11.47	167	1486448	38.905	ng	100
74) Di-n-butylphthalate	11.82	149	1778444	37.501	ng	100
75) Fluoranthene	12.45	202	1627574	39.026	ng	100
77) Benzidine	12.57	184	1034630	77.104	ng	100
78) Pyrene	12.68	202	1657213	49.096	ng	100
80) Butylbenzylphthalate	13.30	149	748343	45.824	ng	100
81) Benzo(a)anthracene	13.86	228	1367106	47.701	ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	531496	49.553	ng	100
83) Chrysene	13.90	228	1322904	48.356	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	856358	36.942	ng	100
85) Di-n-octyl phthalate	14.48	149	1468198	41.166	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	1061169	48.953	ng	100
88) Benzo(b)fluoranthene	14.87	252	1263092	46.261	ng	100
89) Benzo(k)fluoranthene	14.90	252	1008849	38.575	ng	100
90) Benzo(a)pyrene	15.22	252	1053983	42.901	ng	100
91) Dibenzo(a,h)anthracene	16.64	278	859356	43.401	ng	100
92) Benzo(g,h,i)perylene	17.03	276	868557	46.495	ng	100

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

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