Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111871.D
Acq On : 7 Jan 2019 11:50
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jan 07 12:24:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 12:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	193183	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	736171	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	384950	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	729498	20.00	ng	0.00
76) Chrysene-d12	14.06	240	574651	20.00	ng	0.00
87) Perylene-d12	15.53	264	418503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	905592	79.90	ng	0.00
7) Phenol-d6	6.53	99	1078758	74.79	ng	0.00
23) Nitrobenzene-d5	7.46	82	1044691	82.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	378875	83.30	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1959956	74.21	ng	0.00
79) Terphenyl-d14	13.00	244	2213745	73.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	190095	35.650	ng	100
3) Pyridine	3.44	79	528254	38.026	ng	100
4) n-Nitrosodimethylamine	3.39	42	252689	37.167	ng	100
6) Aniline	6.55	93	657603	35.767	ng	100
8) 2-Chlorophenol	6.68	128	475866	37.904	ng	100
9) Benzaldehyde	6.44	77	306580	30.905	ng	100
10) Phenol	6.55	94	588268	36.147	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	463750	38.028	ng	100
12) 1,3-Dichlorobenzene	6.83	146	548167	37.676	ng	100
13) 1,4-Dichlorobenzene	6.91	146	558746	37.867	ng	100
14) 1,2-Dichlorobenzene	7.06	146	525983	38.207	ng	100
15) Benzyl Alcohol	7.03	79	435424	38.011	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	782371	34.834	ng	100
17) 2-Methylphenol	7.15	107	377761	37.578	ng	100
18) Hexachloroethane	7.40	117	197627	39.745	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	358932	37.471	ng	100
20) 3+4-Methylphenols	7.30	107	474875	37.385	ng	100
22) Acetophenone	7.30	105	696407	37.341	ng	100
24) Nitrobenzene	7.47	77	528697	39.885	ng	100
25) Isophorone	7.71	82	839812	37.404	ng	100
26) 2-Nitrophenol	7.79	139	266547	49.581	ng	100
27) 2,4-Dimethylphenol	7.83	122	378686	35.733	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	567063	37.954	ng	100
29) 2,4-Dichlorophenol	8.03	162	437619	38.392	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	480822	37.854	ng	100
31) Naphthalene	8.20	128	1334369	37.724	ng	100
32) Benzoic acid	7.96	122	227628	32.486	ng	100
33) 4-Chloroaniline	8.25	127	580701	37.983	ng	100
34) Hexachlorobutadiene	8.32	225	299728	38.717	ng	100
35) Caprolactam	8.62	113	144281	37.355	ng	100
36) 4-Chloro-3-methylphenol	8.73	107	432634	38.611	ng	100
37) 2-Methylnaphthalene	8.89	142	892136	38.766	ng	100
38) 1-Methylnaphthalene	8.99	142	842441	38.116	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	484088	38.270	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	285611	46.529	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	320872	37.994	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	338362	39.053	ng	100
46) 1,1'-Biphenyl	9.35	154	1223469	37.650	ng	100
47) 2-Chloronaphthalene	9.38	162	959343	37.262	ng	100
48) 2-Nitroaniline	9.47	65	298155	44.515	ng	100
49) Acenaphthylene	9.79	152	1405757	37.396	ng	100
50) Dimethylphthalate	9.65	163	1077858	38.289	ng	100
51) 2,6-Dinitrotoluene	9.71	165	247182	44.036	ng	100
52) Acenaphthene	9.97	154	907690	39.151	ng	100
53) 3-Nitroaniline	9.88	138	262164	43.793	ng	100
54) 2,4-Dinitrophenol	9.99	184	107536	70.994	ng	100
55) Dibenzofuran	10.14	168	1315023	37.543	ng	100
56) 4-Nitrophenol	10.05	139	190219	41.637	ng	100
57) 2,4-Dinitrotoluene	10.12	165	323039	47.884	ng	100
58) Fluorene	10.48	166	957295	37.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	282201	38.703	ng	100
60) Diethylphthalate	10.35	149	1046864	37.911	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	534155	38.305	ng	100
62) 4-Nitroaniline	10.50	138	258422	44.415	ng	100
63) Azobenzene	10.63	77	1026021	37.011	ng	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	170548	62.583	ng	100
66) n-Nitrosodiphenylamine	10.59	169	914446	37.343	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	352315	38.938	ng	100
68) Hexachlorobenzene	11.03	284	388736	38.533	ng	100
69) Atrazine	11.12	200	315806	37.122	ng	100
70) Pentachlorophenol	11.23	266	231551	37.126	ng	100
71) Phenanthrene	11.45	178	1436906	37.141	ng	100
72) Anthracene	11.49	178	1461754	37.642	ng	100
73) Carbazole	11.65	167	1384151	36.714	ng	100
74) Di-n-butylphthalate	11.97	149	1593479	37.697	ng	100
75) Fluoranthene	12.63	202	1463635	37.359	ng	100
77) Benzidine	12.75	184	619128	28.632	ng	100
78) Pyrene	12.86	202	1489746	36.711	ng	100
80) Butylbenzylphthalate	13.47	149	639364	38.652	ng	100
81) Benzo(a)anthracene	14.04	228	1236223	37.695	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	461071	35.583	ng	100
83) Chrysene	14.09	228	1188853	36.884	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	831153	39.890	ng	100
85) Di-n-octyl phthalate	14.64	149	1161897	35.992	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	842951	30.764	ng	100
88) Benzo(b)fluoranthene	15.10	252	953373	38.978	ng	100
89) Benzo(k)fluoranthene	15.13	252	913875	39.246	ng	100
90) Benzo(a)pyrene	15.47	252	841020	37.848	ng	100
91) Dibenzo(a,h)anthracene	17.04	278	700967	36.024	ng	100
92) Benzo(g,h,i)perylene	17.48	276	697869	36.729	ng	100

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

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