Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121328.D
Acq On : 19 Aug 2020 19:59
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Aug 20 03:00:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 02:55:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155857	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	586862	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301071	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	564080	20.00	ng	0.00
76) Chrysene-d12	13.84	240	398268	20.00	ng	0.00
86) Perylene-d12	15.25	264	365179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	697402	73.20	ng	0.00
7) Phenol-d6	6.34	99	894568	73.60	ng	0.00
23) Nitrobenzene-d5	7.26	82	759100	73.23	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	261066	72.90	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1306616	70.15	ng	0.00
79) Terphenyl-d14	12.80	244	1375642	72.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	159809	37.292	ng	100
3) Pyridine	3.01	79	444199	38.358	ng	100
4) n-Nitrosodimethylamine	2.97	42	178350	37.835	ng	100
6) Aniline	6.36	93	519539	36.933	ng	100
8) 2-Chlorophenol	6.48	128	371354	37.207	ng	100
9) Benzaldehyde	6.25	77	265478	36.763	ng	100
10) Phenol	6.35	94	444579	36.147	ng	100
11) bis(2-Chloroethyl)ether	6.43	93	363516	36.983	ng	100
12) 1,3-Dichlorobenzene	6.63	146	412906	36.821	ng	100
13) 1,4-Dichlorobenzene	6.71	146	414319	36.834	ng	100
14) 1,2-Dichlorobenzene	6.86	146	381406	37.151	ng	100
15) Benzyl Alcohol	6.85	79	272270	35.948	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	537652	36.778	ng	100
17) 2-Methylphenol	6.96	107	300599	36.665	ng	100
18) Hexachloroethane	7.20	117	156771	37.194	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	233577	34.884	ng	100
20) 3+4-Methylphenols	7.12	107	345224	35.933	ng	100
22) Acetophenone	7.11	105	489188	35.670	ng	100
24) Nitrobenzene	7.28	77	391712	37.176	ng	100
25) Isophorone	7.52	82	687627	36.065	ng	100
26) 2-Nitrophenol	7.60	139	206309	37.746	ng	100
27) 2,4-Dimethylphenol	7.64	122	286745	36.909	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	472899	36.607	ng	100
29) 2,4-Dichlorophenol	7.84	162	312326	37.109	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	351715	36.586	ng	100
31) Naphthalene	8.00	128	1059232	36.603	ng	100
32) Benzoic acid	7.78	122	221906	42.764	ng	100
33) 4-Chloroaniline	8.06	127	471020	36.437	ng	100
34) Hexachlorobutadiene	8.12	225	211528	36.937	ng	100
35) Caprolactam	8.43	113	102347	36.232	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	315410	36.393	ng	100
37) 2-Methylnaphthalene	8.69	142	697541	36.495	ng	100
38) 1-Methylnaphthalene	8.79	142	656015	36.296	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	332121	37.453	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	124932	44.503 ng	100
43) 2,4,6-Trichlorophenol	8.97	196	230553	37.706 ng	100
44) 2,4,5-Trichlorophenol	9.01	196	237225	37.748 ng	100
46) 1,1'-Biphenyl	9.15	154	838599	37.252 ng	100
47) 2-Chloronaphthalene	9.17	162	689274	37.404 ng	100
48) 2-Nitroaniline	9.27	65	219478	37.467 ng	100
49) Acenaphthylene	9.59	152	1023361	37.195 ng	100
50) Dimethylphthalate	9.46	163	806453	36.188 ng	100
51) 2,6-Dinitrotoluene	9.52	165	175477	37.015 ng	100
52) Acenaphthene	9.76	154	608006	36.357 ng	100
53) 3-Nitroaniline	9.69	138	217385	37.194 ng	100
54) 2,4-Dinitrophenol	9.80	184	92964	41.049 ng	100
55) Dibenzofuran	9.93	168	893461	36.406 ng	100
56) 4-Nitrophenol	9.86	139	139714	38.726 ng	100
57) 2,4-Dinitrotoluene	9.93	165	217518	37.782 ng	100
58) Fluorene	10.27	166	668197	35.887 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	203751	37.762 ng	100
60) Diethylphthalate	10.16	149	785779	35.817 ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	332473	35.257 ng	100
62) 4-Nitroaniline	10.30	138	222488	37.150 ng	100
63) Azobenzene	10.43	77	734328	36.382 ng	100
65) 4,6-Dinitro-2-methylphenol	10.33	198	123038	40.251 ng	100
66) n-Nitrosodiphenylamine	10.39	169	644039	37.116 ng	100
67) 4-Bromophenyl-phenylether	10.76	248	235829	37.389 ng	100
68) Hexachlorobenzene	10.82	284	267335	37.191 ng	100
69) Atrazine	10.92	200	200319	36.648 ng	100
70) Pentachlorophenol	11.02	266	132523	40.349 ng	100
71) Phenanthrene	11.23	178	1025926	36.603 ng	100
72) Anthracene	11.29	178	1020012	36.526 ng	100
73) Carbazole	11.44	167	972564	36.429 ng	100
74) Di-n-butylphthalate	11.77	149	1188451	35.150 ng	100
75) Fluoranthene	12.42	202	1106170	35.731 ng	100
77) Benzidine	12.54	184	432303	46.584 ng	100
78) Pyrene	12.65	202	1137980	39.063 ng	100
80) Butylbenzylphthalate	13.27	149	490753	36.477 ng	100
81) Benzo(a)anthracene	13.83	228	858620	36.807 ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	358153	37.099 ng	100
83) Chrysene	13.87	228	925329	36.709 ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	553016	34.291 ng	100
85) Di-n-octyl phthalate	14.44	149	1038515	33.741 ng	100
87) Indeno(1,2,3-cd)pyrene	16.60	276	813699	36.175 ng	100
88) Benzo(b)fluoranthene	14.85	252	888066	38.196 ng	100
89) Benzo(k)fluoranthene	14.88	252	775107	36.885 ng	100
90) Benzo(a)pyrene	15.19	252	757832	37.309 ng	100
91) Dibenzo(a,h)anthracene	16.62	278	665022	36.048 ng	100
92) Benzo(g,h,i)perylene	17.01	276	646024	36.038 ng	100

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

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