Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121300.D
Acq On : 17 Aug 2020 9:55
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 17 10:59:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82634	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	301651	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	156424	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	309617	20.00	ng	0.00
76) Chrysene-d12	13.86	240	271453	20.00	ng	0.00
86) Perylene-d12	15.27	264	291481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	400532	73.48	ng	0.00
7) Phenol-d6	6.35	99	508156	72.35	ng	0.00
23) Nitrobenzene-d5	7.27	82	413850	74.98	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	149381	77.56	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	793487	70.17	ng	0.00
79) Terphenyl-d14	12.81	244	984802	70.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	87495	37.721	ng	100
3) Pyridine	2.97	79	224877	37.243	ng	100
4) n-Nitrosodimethylamine	2.92	42	92135	37.258	ng	100
6) Aniline	6.37	93	298279	35.823	ng	100
8) 2-Chlorophenol	6.49	128	220857	36.849	ng	100
9) Benzaldehyde	6.25	77	131295	36.273	ng	100
10) Phenol	6.36	94	274311	36.002	ng	100
11) bis(2-Chloroethyl)ether	6.45	93	199335	36.244	ng	100
12) 1,3-Dichlorobenzene	6.65	146	229626	36.260	ng	100
13) 1,4-Dichlorobenzene	6.72	146	232999	36.401	ng	100
14) 1,2-Dichlorobenzene	6.88	146	218619	36.189	ng	100
15) Benzyl Alcohol	6.85	79	169371	35.998	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	287394	36.289	ng	100
17) 2-Methylphenol	6.97	107	170809	36.079	ng	100
18) Hexachloroethane	7.22	117	84379	37.277	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	138269	35.431	ng	100
20) 3+4-Methylphenols	7.12	107	212733	35.417	ng	100
22) Acetophenone	7.12	105	277005	35.653	ng	100
24) Nitrobenzene	7.29	77	223235	37.275	ng	100
25) Isophorone	7.53	82	404095	36.466	ng	100
26) 2-Nitrophenol	7.61	139	113952	39.270	ng	100
27) 2,4-Dimethylphenol	7.65	122	176344	37.929	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	228063	36.795	ng	100
29) 2,4-Dichlorophenol	7.86	162	179212	37.694	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	192755	36.733	ng	100
31) Naphthalene	8.02	128	613615	36.157	ng	100
32) Benzoic acid	7.77	122	84045	35.074	ng	100
33) 4-Chloroaniline	8.06	127	260574	37.624	ng	100
34) Hexachlorobutadiene	8.13	225	115559	36.397	ng	100
35) Caprolactam	8.43	113	55362	38.659	ng	100
36) 4-Chloro-3-methylphenol	8.55	107	182887	37.703	ng	100
37) 2-Methylnaphthalene	8.70	142	413780	37.052	ng	100
38) 1-Methylnaphthalene	8.80	142	385688	36.475	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	192793	36.784	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	73251	46.057 ng	100
43) 2,4,6-Trichlorophenol	8.99	196	128692	38.607 ng	100
44) 2,4,5-Trichlorophenol	9.03	196	140913	38.920 ng	100
46) 1,1'-Biphenyl	9.17	154	494235	36.567 ng	100
47) 2-Chloronaphthalene	9.19	162	379769	36.501 ng	100
48) 2-Nitroaniline	9.29	65	114431	39.129 ng	100
49) Acenaphthylene	9.60	152	609864	36.905 ng	100
50) Dimethylphthalate	9.47	163	436858	37.114 ng	100
51) 2,6-Dinitrotoluene	9.53	165	101268	38.595 ng	100
52) Acenaphthene	9.77	154	362283	37.028 ng	100
53) 3-Nitroaniline	9.70	138	115368	38.509 ng	100
54) 2,4-Dinitrophenol	9.82	184	41785	41.456 ng	100
55) Dibenzofuran	9.95	168	556603	35.724 ng	100
56) 4-Nitrophenol	9.87	139	78974	40.848 ng	100
57) 2,4-Dinitrotoluene	9.94	165	135466	39.341 ng	100
58) Fluorene	10.29	166	422924	35.859 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	115523	40.355 ng	100
60) Diethylphthalate	10.17	149	445406	37.212 ng	100
61) 4-Chlorophenyl-phenylether	10.29	204	205438	35.814 ng	100
62) 4-Nitroaniline	10.31	138	117257	39.038 ng	100
63) Azobenzene	10.45	77	438597	36.673 ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	71602	38.647 ng	100
66) n-Nitrosodiphenylamine	10.40	169	388054	36.552 ng	100
67) 4-Bromophenyl-phenylether	10.77	248	134080	37.125 ng	100
68) Hexachlorobenzene	10.84	284	150204	36.472 ng	100
69) Atrazine	10.93	200	116444	36.670 ng	100
70) Pentachlorophenol	11.04	266	69763	41.360 ng	100
71) Phenanthrene	11.25	178	638767	36.062 ng	100
72) Anthracene	11.30	178	651857	36.673 ng	100
73) Carbazole	11.46	167	637914	36.696 ng	100
74) Di-n-butylphthalate	11.79	149	742542	37.843 ng	100
75) Fluoranthene	12.43	202	725438	36.781 ng	100
77) Benzidine	12.56	184	338936	47.496 ng	100
78) Pyrene	12.66	202	756046	37.401 ng	100
80) Butylbenzylphthalate	13.29	149	331446	40.141 ng	100
81) Benzo(a)anthracene	13.85	228	657871	35.732 ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	280010	38.332 ng	100
83) Chrysene	13.89	228	685003	36.441 ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	437781	38.466 ng	100
85) Di-n-octyl phthalate	14.46	149	845473	40.518 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	759933	35.066 ng	100
88) Benzo(b)fluoranthene	14.87	252	720910	36.912 ng	100
89) Benzo(k)fluoranthene	14.90	252	668786	36.876 ng	100
90) Benzo(a)pyrene	15.22	252	646610	36.682 ng	100
91) Dibenzo(a,h)anthracene	16.65	278	657003	35.381 ng	100
92) Benzo(g,h,i)perylene	17.05	276	642026	35.035 ng	100

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

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