Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120880.D
Acq On : 16 Jul 2020 11:42
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 16 12:20:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150269	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	554895	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	284563	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	540320	20.00	ng	0.00
76) Chrysene-d12	13.97	240	452344	20.00	ng	0.00
86) Perylene-d12	15.42	264	504260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	706429	72.57	ng	0.00
7) Phenol-d6	6.45	99	907178	72.97	ng	0.00
23) Nitrobenzene-d5	7.38	82	754629	78.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	249815	87.38	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1333740	70.91	ng	0.00
79) Terphenyl-d14	12.92	244	1541048	66.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	163304	36.724	ng	100
3) Pyridine	3.24	79	431424	35.420	ng	100
4) n-Nitrosodimethylamine	3.18	42	186788	30.655	ng	100
6) Aniline	6.47	93	594166	37.215	ng	100
8) 2-Chlorophenol	6.60	128	392682	37.888	ng	100
9) Benzaldehyde	6.36	77	224154	30.317	ng	100
10) Phenol	6.46	94	502707	39.310	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	385567	37.051	ng	100
12) 1,3-Dichlorobenzene	6.76	146	420125	36.828	ng	100
13) 1,4-Dichlorobenzene	6.83	146	418465	36.624	ng	100
14) 1,2-Dichlorobenzene	6.99	146	400138	36.809	ng	100
15) Benzyl Alcohol	6.96	79	323980	34.686	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	554563	34.165	ng	100
17) 2-Methylphenol	7.07	107	339916	36.662	ng	100
18) Hexachloroethane	7.33	117	154742	36.033	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	250522	33.469	ng	100
20) 3+4-Methylphenols	7.22	107	401531	35.162	ng	100
22) Acetophenone	7.23	105	477754	34.638	ng	100
24) Nitrobenzene	7.40	77	403638	37.535	ng	100
25) Isophorone	7.64	82	737875	35.725	ng	100
26) 2-Nitrophenol	7.72	139	201227	51.190	ng	100
27) 2,4-Dimethylphenol	7.75	122	308981	37.475	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	448112	36.657	ng	100
29) 2,4-Dichlorophenol	7.96	162	322359	39.164	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	357180	38.635	ng	100
31) Naphthalene	8.12	128	1102912	37.191	ng	100
32) Benzoic acid	7.86	122	263182	58.980	ng	100
33) 4-Chloroaniline	8.17	127	486524	38.663	ng	100
34) Hexachlorobutadiene	8.24	225	208897	37.570	ng	100
35) Caprolactam	8.54	113	102023	42.538	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	327278	38.224	ng	100
37) 2-Methylnaphthalene	8.82	142	725752	37.647	ng	100
38) 1-Methylnaphthalene	8.91	142	681543	37.743	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	329079	38.264	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	189823	37.357	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	233028	39.764	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	262290	40.330	ng	100
46) 1,1'-Biphenyl	9.27	154	850747	37.064	ng	100
47) 2-Chloronaphthalene	9.30	162	697205	37.914	ng	100
48) 2-Nitroaniline	9.39	65	213350	43.363	ng	100
49) Acenaphthylene	9.72	152	1077374	37.370	ng	100
50) Dimethylphthalate	9.58	163	792812	38.193	ng	100
51) 2,6-Dinitrotoluene	9.63	165	178177	47.512	ng	100
52) Acenaphthene	9.89	154	690184	38.589	ng	100
53) 3-Nitroaniline	9.80	138	219513	47.380	ng	100
54) 2,4-Dinitrophenol	9.90	184	84289	68.055	ng	100
55) Dibenzofuran	10.06	168	981111	38.055	ng	100
56) 4-Nitrophenol	9.96	139	169032	49.671	ng	100
57) 2,4-Dinitrotoluene	10.04	165	238094	52.881	ng	100
58) Fluorene	10.40	166	708978	36.946	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	200304	41.388	ng	100
60) Diethylphthalate	10.27	149	807197	37.329	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	360937	37.415	ng	100
62) 4-Nitroaniline	10.42	138	212765	48.241	ng	100
63) Azobenzene	10.56	77	772936	34.942	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	114726	66.086	ng	100
66) n-Nitrosodiphenylamine	10.51	169	681587	37.635	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	241080	38.464	ng	100
68) Hexachlorobenzene	10.94	284	260008	39.533	ng	100
69) Atrazine	11.04	200	165240	35.417	ng	100
70) Pentachlorophenol	11.14	266	159555	42.878	ng	100
71) Phenanthrene	11.36	178	1090817	37.208	ng	100
72) Anthracene	11.42	178	1114227	37.611	ng	100
73) Carbazole	11.57	167	1101900	38.705	ng	100
74) Di-n-butylphthalate	11.90	149	1270409	36.044	ng	100
75) Fluoranthene	12.54	202	1225326	39.235	ng	100
77) Benzidine	12.67	184	509892	39.936	ng	100
78) Pyrene	12.77	202	1270016	35.154	ng	100
80) Butylbenzylphthalate	13.40	149	576427	36.957	ng	100
81) Benzo(a)anthracene	13.96	228	1056148	36.424	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	410808	41.983	ng	100
83) Chrysene	14.00	228	1146765	38.773	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	696305	34.044	ng	100
85) Di-n-octyl phthalate	14.57	149	1414296	39.086	ng	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1414981	43.748	ng	100
88) Benzo(b)fluoranthene	15.00	252	1201511	36.243	ng	100
89) Benzo(k)fluoranthene	15.03	252	1149581	35.637	ng	100
90) Benzo(a)pyrene	15.36	252	1122471	37.956	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1159255	43.003	ng	100
92) Benzo(g,h,i)perylene	17.29	276	1132321	45.959	ng	100

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

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