Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120399.D
Acq On : 28 May 2020 10:55
Operator : MA/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: May 28 12:28:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	241172	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	931626	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	487550	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	933547	20.00	ng	0.00
76) Chrysene-d12	14.00	240	670494	20.00	ng	0.00
86) Perylene-d12	15.44	264	605362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1058896	85.43	ng	0.00
7) Phenol-d6	6.47	99	1319625	84.19	ng	0.00
23) Nitrobenzene-d5	7.40	82	1177419	86.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	377941	95.07	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2151819	90.67	ng	0.00
79) Terphenyl-d14	12.94	244	2403764	79.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	260250	52.782	ng	100
3) Pyridine	3.33	79	725750	46.824	ng	100
4) n-Nitrosodimethylamine	3.29	42	305195	50.288	ng	100
6) Aniline	6.50	93	917873	45.788	ng	100
8) 2-Chlorophenol	6.63	128	606783	41.985	ng	100
9) Benzaldehyde	6.39	77	390068	40.368	ng	100
10) Phenol	6.48	94	739896	40.436	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	603526	41.291	ng	100
12) 1,3-Dichlorobenzene	6.78	146	663558	42.908	ng	100
13) 1,4-Dichlorobenzene	6.86	146	661169	41.510	ng	100
14) 1,2-Dichlorobenzene	7.02	146	614666	42.854	ng	100
15) Benzyl Alcohol	6.98	79	505272	45.373	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	947668	41.142	ng	100
17) 2-Methylphenol	7.09	107	534799	43.835	ng	100
18) Hexachloroethane	7.36	117	240867	39.696	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	416575	40.566	ng	100
20) 3+4-Methylphenols	7.25	107	631786	39.829	ng	100
22) Acetophenone	7.25	105	777977	40.763	ng	100
24) Nitrobenzene	7.42	77	637842	43.556	ng	100
25) Isophorone	7.66	82	1165158	41.154	ng	100
26) 2-Nitrophenol	7.74	139	292697	38.217	ng	100
27) 2,4-Dimethylphenol	7.77	122	478793	42.975	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	707153	39.738	ng	100
29) 2,4-Dichlorophenol	7.97	162	504440	44.085	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	563875	44.470	ng	100
31) Naphthalene	8.15	128	1689975	42.981	ng	100
32) Benzoic acid	7.89	122	300482	41.147	ng	100
33) 4-Chloroaniline	8.19	127	747421	41.712	ng	100
34) Hexachlorobutadiene	8.27	225	333249	45.470	ng	100
35) Caprolactam	8.56	113	162754	43.477	ng	100
36) 4-Chloro-3-methylphenol	8.67	107	509741	41.180	ng	100
37) 2-Methylnaphthalene	8.83	142	1124561	41.794	ng	100
38) 1-Methylnaphthalene	8.93	142	1059346	40.593	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	514921	41.885	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	293227	67.419	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	373932	45.313	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	421115	44.436	ng	100
46) 1,1'-Biphenyl	9.30	154	1332236	41.704	ng	100
47) 2-Chloronaphthalene	9.33	162	1091281	42.587	ng	100
48) 2-Nitroaniline	9.42	65	334736	35.803	ng	100
49) Acenaphthylene	9.74	152	1692032	43.228	ng	100
50) Dimethylphthalate	9.60	163	1246459	40.443	ng	100
51) 2,6-Dinitrotoluene	9.66	165	282639	41.089	ng	100
52) Acenaphthene	9.91	154	1055267	44.977	ng	100
53) 3-Nitroaniline	9.83	138	333177	40.616	ng	100
54) 2,4-Dinitrophenol	9.93	184	95392	29.379	ng	100
55) Dibenzofuran	10.08	168	1525347	45.146	ng	100
56) 4-Nitrophenol	9.97	139	255331	57.929	ng	100
57) 2,4-Dinitrotoluene	10.06	165	362653	44.943	ng	100
58) Fluorene	10.43	166	1102917	42.863	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	339509	47.604	ng	100
60) Diethylphthalate	10.30	149	1277299	42.928	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	570117	42.615	ng	100
62) 4-Nitroaniline	10.44	138	313812	41.083	ng	100
63) Azobenzene	10.58	77	1197404	42.580	ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	140037	29.661	ng	100
66) n-Nitrosodiphenylamine	10.53	169	1063281	41.169	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	388718	42.910	ng	100
68) Hexachlorobenzene	10.97	284	412462	43.522	ng	100
69) Atrazine	11.06	200	306982	39.722	ng	100
70) Pentachlorophenol	11.16	266	260961	64.743	ng	100
71) Phenanthrene	11.39	178	1683708	42.921	ng	100
72) Anthracene	11.44	178	1714051	40.816	ng	100
73) Carbazole	11.59	167	1666287	42.466	ng	100
74) Di-n-butylphthalate	11.93	149	1945290	41.136	ng	100
75) Fluoranthene	12.57	202	1840493	43.774	ng	100
77) Benzidine	12.69	184	760909	38.862	ng	100
78) Pyrene	12.80	202	1885286	39.441	ng	100
80) Butylbenzylphthalate	13.42	149	798239	35.464	ng	100
81) Benzo(a)anthracene	13.99	228	1478500	41.808	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	555296	41.668	ng	100
83) Chrysene	14.02	228	1536930	40.473	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	945270	33.755	ng	100
85) Di-n-octyl phthalate	14.59	149	1654088	32.833	ng	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1290649	40.248	ng	100
88) Benzo(b)fluoranthene	15.03	252	1411246	42.687	ng	100
89) Benzo(k)fluoranthene	15.06	252	1302061	45.459	ng	100
90) Benzo(a)pyrene	15.39	252	1219043	41.115	ng	100
91) Dibenzo(a,h)anthracene	16.90	278	1064787	40.538	ng	100
92) Benzo(g,h,i)perylene	17.32	276	1024844	38.692	ng	100

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

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