Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
Data File : BF121596.D
Acq On : 16 Sep 2020 14:46
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 16 15:39:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178045	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	655591	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	341701	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	623581	20.00	ng		0.00
76) Chrysene-d12	13.99	240	435210	20.00	ng		0.00
86) Perylene-d12	15.43	264	371598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	998259	83.32	ng		0.00
7) Phenol-d6	6.47	99	1314062	83.60	ng		0.00
23) Nitrobenzene-d5	7.39	82	1118823	91.63	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	391619	92.21	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1862528	82.55	ng		0.00
79) Terphenyl-d14	12.93	244	2068028	96.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	229914	41.772	ng		99
3) Pyridine	3.31	79	659203	43.323	ng		100
4) n-Nitrosodimethylamine	3.26	42	303217	42.962	ng		99
6) Aniline	6.49	93	815671	39.846	ng		99
8) 2-Chlorophenol	6.62	128	524959	43.037	ng		97
9) Benzaldehyde	6.37	77	399431	38.874	ng		98
10) Phenol	6.48	94	679628	40.605	ng		79
11) bis(2-Chloroethyl)ether	6.56	93	540914	42.879	ng		99
12) 1,3-Dichlorobenzene	6.76	146	584693	42.946	ng		97
13) 1,4-Dichlorobenzene	6.85	146	583753	42.701	ng		99
14) 1,2-Dichlorobenzene	7.00	146	536080	42.568	ng		98
15) Benzyl Alcohol	6.97	79	475980	44.554	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	862323	42.480	ng		98
17) 2-Methylphenol	7.09	107	448950	43.257	ng		97
18) Hexachloroethane	7.34	117	217122	44.357	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	380844	42.043	ng		100
20) 3+4-Methylphenols	7.24	107	514136	41.230	ng	#	89
22) Acetophenone	7.24	105	700887	42.137	ng	#	93
24) Nitrobenzene	7.41	77	596593	45.176	ng		98
25) Isophorone	7.65	82	1079717	43.928	ng		100
26) 2-Nitrophenol	7.72	139	288521	46.493	ng	#	90
27) 2,4-Dimethylphenol	7.77	122	471949	43.015	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	660656	43.417	ng		99
29) 2,4-Dichlorophenol	7.97	162	447065	44.737	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	465632	44.242	ng		99
31) Naphthalene	8.13	128	1493333	43.150	ng		100
32) Benzoic acid	7.90	122	317272	40.093	ng		97
33) 4-Chloroaniline	8.18	127	646451	43.092	ng		99
34) Hexachlorobutadiene	8.25	225	279961	45.319	ng		99
35) Caprolactam	8.56	113	148755	44.700	ng		93
36) 4-Chloro-3-methylphenol	8.67	107	475689	44.188	ng		96
37) 2-Methylnaphthalene	8.82	142	979657	43.195	ng		99
38) 1-Methylnaphthalene	8.92	142	912725	43.242	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	465041	43.569	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	244046	40.038 ng	99
43) 2,4,6-Trichlorophenol	9.10	196	326199	44.837 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	345328	44.899 ng	97
46) 1,1'-Biphenyl	9.29	154	1171633	42.830 ng	98
47) 2-Chloronaphthalene	9.31	162	925567	42.936 ng	100
48) 2-Nitroaniline	9.40	65	319293	47.664 ng	99
49) Acenaphthylene	9.73	152	1434154	43.300 ng	100
50) Dimethylphthalate	9.59	163	1100778	44.447 ng	99
51) 2,6-Dinitrotoluene	9.65	165	254072	48.171 ng	99
52) Acenaphthene	9.90	154	855575	40.898 ng	100
53) 3-Nitroaniline	9.82	138	278683	45.611 ng	100
54) 2,4-Dinitrophenol	9.92	184	100834	38.445 ng	96
55) Dibenzofuran	10.07	168	1272695	43.200 ng	99
56) 4-Nitrophenol	9.99	139	216340	44.398 ng	95
57) 2,4-Dinitrotoluene	10.05	165	331820	50.007 ng	99
58) Fluorene	10.41	166	963380	42.761 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	280254	44.821 ng	98
60) Diethylphthalate	10.29	149	1072370	44.411 ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	467093	43.280 ng	97
62) 4-Nitroaniline	10.43	138	270166	44.533 ng	100
63) Azobenzene	10.56	77	1105958	43.010 ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	158449	42.349 ng	96
66) n-Nitrosodiphenylamine	10.52	169	942829	44.071 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	321576	45.294 ng	97
68) Hexachlorobenzene	10.96	284	357185	44.580 ng	98
69) Atrazine	11.04	200	219219	41.245 ng	99
70) Pentachlorophenol	11.15	266	186757	42.442 ng	99
71) Phenanthrene	11.37	178	1470402	43.279 ng	99
72) Anthracene	11.42	178	1500999	42.811 ng	100
73) Carbazole	11.57	167	1362446	43.062 ng	99
74) Di-n-butylphthalate	11.91	149	1595785	43.700 ng	100
75) Fluoranthene	12.56	202	1537525	42.393 ng	99
77) Benzidine	12.67	184	509078	35.284 ng	100
78) Pyrene	12.79	202	1542526	48.511 ng	100
80) Butylbenzylphthalate	13.40	149	668370	51.973 ng	95
81) Benzo(a)anthracene	13.97	228	1219779	44.302 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	497486	46.282 ng	97
83) Chrysene	14.01	228	1221340	43.805 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	869160	50.591 ng	100
85) Di-n-octyl phthalate	14.57	149	1453807	47.950 ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1156727	47.799 ng	99
88) Benzo(b)fluoranthene	15.02	252	1107293	44.574 ng	99
89) Benzo(k)fluoranthene	15.04	252	1020340	44.853 ng	98
90) Benzo(a)pyrene	15.37	252	944133	44.711 ng	100
91) Dibenzo(a,h)anthracene	16.89	278	940402	46.683 ng	99
92) Benzo(g,h,i)perylene	17.32	276	991924	50.093 ng	99

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

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