Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120047.D
Acq On : 17 Apr 2020 9:50
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 17 10:53:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	207326	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	814038	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	433503	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	837944	20.00	ng		0.00
76) Chrysene-d12	13.90	240	599674	20.00	ng		0.00
87) Perylene-d12	15.33	264	508873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	936677	78.08	ng		0.00
7) Phenol-d6	6.37	99	1234995	79.89	ng		0.00
23) Nitrobenzene-d5	7.30	82	1188347	75.52	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	361907	68.19	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2260851	74.05	ng		0.00
79) Terphenyl-d14	12.85	244	2377440	66.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	182068	34.074	ng		97
3) Pyridine	3.07	79	527044	35.950	ng		97
4) n-Nitrosodimethylamine	3.04	42	274394	36.633	ng		96
6) Aniline	6.39	93	807016	39.775	ng		96
8) 2-Chlorophenol	6.52	128	525554	39.208	ng		97
9) Benzaldehyde	6.27	77	326357	38.890	ng		100
10) Phenol	6.39	94	688262	39.245	ng		82
11) bis(2-Chloroethyl)ether	6.47	93	540460	39.913	ng		99
12) 1,3-Dichlorobenzene	6.67	146	572891	39.039	ng		99
13) 1,4-Dichlorobenzene	6.75	146	574214	38.412	ng		98
14) 1,2-Dichlorobenzene	6.90	146	547965	39.775	ng		97
15) Benzyl Alcohol	6.87	79	468841	39.049	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1015757	38.549	ng		98
17) 2-Methylphenol	6.99	107	482564	40.341	ng		98
18) Hexachloroethane	7.24	117	222977	39.912	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	401062	40.346	ng		100
20) 3+4-Methylphenols	7.15	107	599301	40.963	ng		90
22) Acetophenone	7.15	105	725301	38.049	ng	#	96
24) Nitrobenzene	7.32	77	604034	38.160	ng		98
25) Isophorone	7.56	82	1137018	37.485	ng		98
26) 2-Nitrophenol	7.63	139	302422	38.242	ng		94
27) 2,4-Dimethylphenol	7.67	122	446370	37.425	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	689730	38.642	ng		98
29) 2,4-Dichlorophenol	7.87	162	462636	37.842	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	517948	37.390	ng		98
31) Naphthalene	8.04	128	1602534	37.417	ng		99
32) Benzoic acid	7.82	122	379837	36.262	ng		97
33) 4-Chloroaniline	8.09	127	700239	37.556	ng		99
34) Hexachlorobutadiene	8.16	225	307835	37.123	ng		99
35) Caprolactam	8.48	113	139833	37.391	ng	#	87
36) 4-Chloro-3-methylphenol	8.58	107	505660	38.203	ng		98
37) 2-Methylnaphthalene	8.73	142	1094603	37.697	ng		100
38) 1-Methylnaphthalene	8.83	142	1021739	37.333	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	495649	36.200	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	333921	42.889 ng		97
43) 2,4,6-Trichlorophenol	9.01	196	347223	36.724 ng		99
44) 2,4,5-Trichlorophenol	9.05	196	401220	37.677 ng		99
46) 1,1'-Biphenyl	9.20	154	1356460	37.072 ng		98
47) 2-Chloronaphthalene	9.22	162	1042302	36.978 ng		99
48) 2-Nitroaniline	9.32	65	382571	37.453 ng		97
49) Acenaphthylene	9.63	152	1607485	37.499 ng		100
50) Dimethylphthalate	9.50	163	1255812	37.452 ng		100
51) 2,6-Dinitrotoluene	9.57	165	272010	37.045 ng	#	83
52) Acenaphthene	9.81	154	962803	33.670 ng		99
53) 3-Nitroaniline	9.73	138	316252	37.712 ng		97
54) 2,4-Dinitrophenol	9.85	184	202647	46.097 ng		95
55) Dibenzofuran	9.98	168	1455507	37.093 ng		99
56) 4-Nitrophenol	9.90	139	228398	36.604 ng		97
57) 2,4-Dinitrotoluene	9.97	165	365430	37.774 ng		91
58) Fluorene	10.32	166	1151500	36.693 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	306672	37.654 ng		97
60) Diethylphthalate	10.20	149	1315332	37.849 ng		98
61) 4-Chlorophenyl-phenylether	10.32	204	576795	35.860 ng		96
62) 4-Nitroaniline	10.35	138	318641	39.870 ng		98
63) Azobenzene	10.48	77	1202751	38.618 ng		96
65) 4,6-Dinitro-2-methylphenol	10.38	198	206244	37.360 ng		81
66) n-Nitrosodiphenylamine	10.44	169	1052523	37.769 ng		98
67) 4-Bromophenyl-phenylether	10.80	248	367124	35.230 ng		94
68) Hexachlorobenzene	10.87	284	370718	35.068 ng		100
69) Atrazine	10.97	200	280088	36.123 ng		98
70) Pentachlorophenol	11.07	266	206320	33.867 ng		98
71) Phenanthrene	11.29	178	1646174	36.913 ng		98
72) Anthracene	11.34	178	1671855	36.698 ng		100
73) Carbazole	11.49	167	1620742	37.619 ng		99
74) Di-n-butylphthalate	11.83	149	2116901	37.377 ng		100
75) Fluoranthene	12.47	202	1782286	37.039 ng		98
77) Benzidine	12.59	184	725665	35.799 ng		97
78) Pyrene	12.70	202	1797480	35.556 ng		99
80) Butylbenzylphthalate	13.33	149	889239	36.250 ng		97
81) Benzo(a)anthracene	13.89	228	1432528	36.312 ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	543304	36.910 ng		97
83) Chrysene	13.93	228	1455130	36.301 ng		98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1183440	35.625 ng	#	98
85) Di-n-octyl phthalate	14.50	149	2054285	36.320 ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1140694	32.283 ng		98
88) Benzo(b)fluoranthene	14.92	252	1318304	36.012 ng		98
89) Benzo(k)fluoranthene	14.95	252	1232027	39.006 ng		98
90) Benzo(a)pyrene	15.27	252	1150782	37.388 ng	#	97
91) Dibenzo(a,h)anthracene	16.74	278	940997	34.514 ng	#	97
92) Benzo(g,h,i)perylene	17.14	276	880258	32.708 ng		96

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

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