Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120616.D
Acq On : 12 Jun 2020 17:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 12 18:26:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157847	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	587678	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	298939	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	578774	20.00	ng		0.00
76) Chrysene-d12	13.96	240	505668	20.00	ng		0.00
86) Perylene-d12	15.39	264	547118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	728469	79.12	ng		-0.01
7) Phenol-d6	6.43	99	952254	83.04	ng		0.00
23) Nitrobenzene-d5	7.36	82	845501	80.42	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	285453	82.13	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1517945	77.69	ng		0.00
79) Terphenyl-d14	12.90	244	1751056	76.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	161581	37.029	ng		100
3) Pyridine	3.20	79	454017	37.012	ng		98
4) n-Nitrosodimethylamine	3.15	42	197583	38.812	ng		97
6) Aniline	6.46	93	615674	41.953	ng		99
8) 2-Chlorophenol	6.59	128	409729	39.382	ng		99
9) Benzaldehyde	6.35	77	290301	40.025	ng		97
10) Phenol	6.45	94	522840	42.734	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	410117	40.244	ng		98
12) 1,3-Dichlorobenzene	6.74	146	449156	40.609	ng		97
13) 1,4-Dichlorobenzene	6.82	146	452915	41.503	ng		98
14) 1,2-Dichlorobenzene	6.97	146	427408	40.206	ng		98
15) Benzyl Alcohol	6.94	79	338875	41.671	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	625964	42.660	ng		99
17) 2-Methylphenol	7.06	107	359420	40.504	ng		99
18) Hexachloroethane	7.31	117	170055	42.290	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	274153	41.216	ng		98
20) 3+4-Methylphenols	7.21	107	433690	39.112	ng		89
22) Acetophenone	7.21	105	522807	39.792	ng	#	98
24) Nitrobenzene	7.38	77	449816	40.884	ng		95
25) Isophorone	7.62	82	789365	38.543	ng		98
26) 2-Nitrophenol	7.70	139	221305	38.021	ng		96
27) 2,4-Dimethylphenol	7.73	122	327843	38.254	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	486418	40.973	ng		98
29) 2,4-Dichlorophenol	7.94	162	340580	39.095	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	386263	40.010	ng		98
31) Naphthalene	8.10	128	1188449	41.184	ng		99
32) Benzoic acid	7.85	122	253351	38.530	ng		98
33) 4-Chloroaniline	8.15	127	526987	39.787	ng		98
34) Hexachlorobutadiene	8.22	225	238692	42.415	ng		99
35) Caprolactam	8.52	113	108504	38.943	ng	#	84
36) 4-Chloro-3-methylphenol	8.63	107	349920	40.205	ng		100
37) 2-Methylnaphthalene	8.79	142	790923	41.986	ng		98
38) 1-Methylnaphthalene	8.89	142	756112	42.655	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	374697	41.978	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	206398	41.264 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	251958	39.792 ng	100
44) 2,4,5-Trichlorophenol	9.11	196	288188	40.117 ng	96
46) 1,1'-Biphenyl	9.26	154	934072	41.845 ng	99
47) 2-Chloronaphthalene	9.28	162	756473	41.443 ng	99
48) 2-Nitroaniline	9.38	65	243529	42.479 ng	96
49) Acenaphthylene	9.70	152	1165506	41.373 ng	99
50) Dimethylphthalate	9.56	163	866313	40.238 ng	100
51) 2,6-Dinitrotoluene	9.62	165	192323	39.417 ng	96
52) Acenaphthene	9.87	154	702150	41.792 ng	100
53) 3-Nitroaniline	9.79	138	237980	40.608 ng	96
54) 2,4-Dinitrophenol	9.89	184	94233	34.724 ng	92
55) Dibenzofuran	10.04	168	1067286	41.429 ng	98
56) 4-Nitrophenol	9.95	139	166713	37.771 ng	95
57) 2,4-Dinitrotoluene	10.02	165	256699	39.648 ng	89
58) Fluorene	10.38	166	821036	41.342 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	224650	39.750 ng	98
60) Diethylphthalate	10.26	149	855792	40.359 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	424628	41.404 ng	95
62) 4-Nitroaniline	10.40	138	235434	40.466 ng	97
63) Azobenzene	10.53	77	833833	43.321 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	133763	38.517 ng	89
66) n-Nitrosodiphenylamine	10.49	169	734754	41.339 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	268048	40.807 ng	96
68) Hexachlorobenzene	10.93	284	291348	41.254 ng	97
69) Atrazine	11.02	200	212799	38.690 ng	98
70) Pentachlorophenol	11.12	266	159069	40.513 ng	98
71) Phenanthrene	11.34	178	1184768	41.180 ng	100
72) Anthracene	11.39	178	1199493	41.362 ng	100
73) Carbazole	11.55	167	1161797	40.471 ng	100
74) Di-n-butylphthalate	11.88	149	1360201	42.145 ng	100
75) Fluoranthene	12.53	202	1369228	41.625 ng	100
77) Benzidine	12.65	184	577030	33.742 ng	97
78) Pyrene	12.76	202	1415540	39.515 ng	99
80) Butylbenzylphthalate	13.37	149	619490	38.946 ng	98
81) Benzo(a)anthracene	13.94	228	1227469	40.404 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	469808	40.486 ng	99
83) Chrysene	13.98	228	1259225	40.408 ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	824097	42.451 ng	99
85) Di-n-octyl phthalate	14.54	149	1495787	40.374 ng	100
87) Indeno(1,2,3-cd)pyrene	16.81	276	1466518	44.066 ng	99
88) Benzo(b)fluoranthene	14.98	252	1304982	40.042 ng	100
89) Benzo(k)fluoranthene	15.01	252	1228133	42.587 ng	99
90) Benzo(a)pyrene	15.33	252	1211790	41.546 ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1192790	44.695 ng	99
92) Benzo(g,h,i)perylene	17.24	276	1219914	45.350 ng	99

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

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