Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
Data File : BF120368.D
Acq On : 20 May 2020 12:57
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/21/2020 10:22:54 AM

Quant Time: May 20 13:37:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 13:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	260625	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1025507	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	508261	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	904081	20.00	ng	0.00
76) Chrysene-d12	13.75	240	604392	20.00	ng	0.00
87) Perylene-d12	15.13	264	534881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1116909	83.38	ng	0.00
7) Phenol-d6	6.25	99	1378505	81.38	ng	0.00
23) Nitrobenzene-d5	7.17	82	1306287	87.21	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	348300	84.05	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2356679	95.26	ng	0.00
79) Terphenyl-d14	12.70	244	2323063	84.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	215331	40.41	ng	99
3) Pyridine	2.83	79	657094	39.23	ng	95
4) n-Nitrosodimethylamine	2.79	42	287026	43.76	ng	94
6) Aniline	6.26	93	886958	40.94	ng	95
8) 2-Chlorophenol	6.38	128	636319	40.74	ng	99
9) Benzaldehyde	6.14	77	417974	40.03	ng	99
10) Phenol	6.26	94	799521	40.43	ng	95
11) bis(2-Chloroethyl)ether	6.33	93	619721	39.23	ng	96
12) 1,3-Dichlorobenzene	6.53	146	681166	40.76	ng	99
13) 1,4-Dichlorobenzene	6.61	146	712615	41.40	ng	98
14) 1,2-Dichlorobenzene	6.76	146	636029	41.03	ng	99
15) Benzyl Alcohol	6.75	79	506922	42.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	1128668	45.34	ng	94
17) 2-Methylphenol	6.87	107	536662	40.70	ng	97
18) Hexachloroethane	7.10	117	259441	39.57	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	445693	40.16	ng	96
20) 3+4-Methylphenols	7.03	107	702298	40.97	ng	98
22) Acetophenone	7.02	105	904335	43.05	ng	96
24) Nitrobenzene	7.19	77	674112	41.82	ng	98
25) Isophorone	7.43	82	1288128	41.33	ng	99
26) 2-Nitrophenol	7.50	139	355345	42.15	ng	89
27) 2,4-Dimethylphenol	7.55	122	502365	40.96	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	799425	40.81	ng	99
29) 2,4-Dichlorophenol	7.75	162	517991	41.13	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	582667	41.75	ng	99
31) Naphthalene	7.90	128	1822184	42.10	ng	99
32) Benzoic acid	7.70	122	295329	36.74	ng	95
33) 4-Chloroaniline	7.96	127	791818	40.14	ng	97
34) Hexachlorobutadiene	8.02	225	338530	41.96	ng	97
35) Caprolactam	8.35	113	158835	38.55	ng	98
36) 4-Chloro-3-methylphenol	8.46	107	534726	39.24	ng	97
37) 2-Methylnaphthalene	8.59	142	1199855	40.51	ng	98
38) 1-Methylnaphthalene	8.69	142	1147892	39.96	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	545259	42.55	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
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QLast Update : Wed May 20 13:33:43 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	145919	31.94	ng	97
43) 2,4,6-Trichlorophenol	8.88	196	359139	41.75	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	395117	39.99	ng	99
46) 1,1'-Biphenyl	9.06	154	1425694	42.81	ng	99
47) 2-Chloronaphthalene	9.08	162	1128723	42.25	ng	100
48) 2-Nitroaniline	9.19	65	404340	41.49	ng	95
49) Acenaphthylene	9.49	152	1717239	42.08	ng	99
50) Dimethylphthalate	9.37	163	1282287	39.91	ng	99
51) 2,6-Dinitrotoluene	9.43	165	288437	40.22	ng	87
52) Acenaphthene	9.66	154	1025505	41.93	ng	99
53) 3-Nitroaniline	9.60	138	337698	39.49	ng	97
54) 2,4-Dinitrophenol	9.72	184	133402	39.41	ng	94
55) Dibenzofuran	9.84	168	1499855	42.58	ng	99
56) 4-Nitrophenol	9.79	139	148043m	32.22	ng	
57) 2,4-Dinitrotoluene	9.83	165	346005	41.13	ng	96
58) Fluorene	10.18	166	1163800	43.39	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	298609	40.16	ng	96
60) Diethylphthalate	10.06	149	1305579	42.09	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	595067	42.67	ng	93
62) 4-Nitroaniline	10.22	138	324195	40.71	ng	98
63) Azobenzene	10.33	77	1229941	41.95	ng	95
65) 4,6-Dinitro-2-methylphenol	10.25	198	203818	44.58	ng	95
66) n-Nitrosodiphenylamine	10.30	169	1059015	42.34	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	369482	42.12	ng	94
68) Hexachlorobenzene	10.73	284	371873	40.52	ng	92
69) Atrazine	10.83	200	297162	39.70	ng	100
70) Pentachlorophenol	10.93	266	145065	37.16	ng	98
71) Phenanthrene	11.13	178	1615348	42.52	ng	99
72) Anthracene	11.19	178	1714951	42.17	ng	98
73) Carbazole	11.35	167	1617223	42.56	ng	99
74) Di-n-butylphthalate	11.68	149	2010621	43.90	ng	99
75) Fluoranthene	12.32	202	1749250	42.96	ng	96
77) Benzidine	12.45	184	717760	40.67	ng	97
78) Pyrene	12.54	202	1777907	41.26	ng	99
80) Butylbenzylphthalate	13.17	149	828596	40.84	ng	96
81) Benzo(a)anthracene	13.74	228	1347693	42.28	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	518470	43.16	ng	99
83) Chrysene	13.77	228	1410575	41.21	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1082193	42.87	ng	99
85) Di-n-octyl phthalate	14.35	149	1923164	42.35	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1013652	32.63	ng	99
88) Benzo(b)fluoranthene	14.75	252	1284713	43.98	ng	97
89) Benzo(k)fluoranthene	14.77	252	1141377	45.10	ng	99
90) Benzo(a)pyrene	15.08	252	1091264	41.66	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	825042	35.55	ng	99
92) Benzo(g,h,i)perylene	16.83	276	808386	34.54	ng	99

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

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