Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
Data File : BF120358.D
Acq On : 19 May 2020 12:40
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 19 13:19:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 13:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	266394	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1059824	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	530719	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	956605	20.00	ng	0.00
76) Chrysene-d12	13.77	240	633585	20.00	ng	0.00
87) Perylene-d12	15.16	264	573822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1185543	86.59	ng	0.00
7) Phenol-d6	6.26	99	1458208	84.22	ng	0.00
23) Nitrobenzene-d5	7.17	82	1358802	87.78	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	371527	85.86	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2408982	93.25	ng	0.00
79) Terphenyl-d14	12.72	244	2506367	87.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	234611	43.08	ng	96
3) Pyridine	2.82	79	781140	45.63	ng	94
4) n-Nitrosodimethylamine	2.79	42	314365	46.89	ng	96
6) Aniline	6.26	93	933595	42.16	ng	95
8) 2-Chlorophenol	6.39	128	659004	41.28	ng	99
9) Benzaldehyde	6.15	77	438758	41.11	ng	97
10) Phenol	6.27	94	852728	42.19	ng	94
11) bis(2-Chloroethyl)ether	6.34	93	639267	39.60	ng	95
12) 1,3-Dichlorobenzene	6.53	146	704487	41.24	ng	100
13) 1,4-Dichlorobenzene	6.62	146	725649	41.25	ng	99
14) 1,2-Dichlorobenzene	6.77	146	659578	41.63	ng	98
15) Benzyl Alcohol	6.76	79	538376	43.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1133300	44.54	ng	97
17) 2-Methylphenol	6.88	107	560688	41.61	ng	94
18) Hexachloroethane	7.10	117	270055	40.29	ng	95
19) n-Nitroso-di-n-propylamine	7.03	70	461398	40.68	ng	94
20) 3+4-Methylphenols	7.03	107	740370	42.26	ng	98
22) Acetophenone	7.02	105	923095	42.52	ng	97
24) Nitrobenzene	7.19	77	703181	42.21	ng	100
25) Isophorone	7.43	82	1321426	41.03	ng	99
26) 2-Nitrophenol	7.50	139	369364	42.39	ng	92
27) 2,4-Dimethylphenol	7.56	122	525432	41.46	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	823013	40.65	ng	99
29) 2,4-Dichlorophenol	7.76	162	539912	41.48	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	590699	40.95	ng	99
31) Naphthalene	7.91	128	1887589	42.20	ng	99
32) Benzoic acid	7.72	122	342950	41.28	ng	99
33) 4-Chloroaniline	7.97	127	812849	39.88	ng	99
34) Hexachlorobutadiene	8.03	225	344035	41.26	ng	97
35) Caprolactam	8.35	113	174681	41.02	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	577312	41.00	ng	99
37) 2-Methylnaphthalene	8.60	142	1236377	40.39	ng	99
38) 1-Methylnaphthalene	8.70	142	1177585	39.67	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	552465	41.28	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	212650	41.96	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	380567	42.37	ng	98
44) 2,4,5-Trichlorophenol	8.93	196	427823	41.47	ng	97
46) 1,1'-Biphenyl	9.07	154	1459917	41.98	ng	99
47) 2-Chloronaphthalene	9.09	162	1166474	41.82	ng	97
48) 2-Nitroaniline	9.20	65	431051	42.35	ng	98
49) Acenaphthylene	9.50	152	1789190	41.99	ng	99
50) Dimethylphthalate	9.37	163	1357387	40.46	ng	100
51) 2,6-Dinitrotoluene	9.44	165	300363	40.11	ng	99
52) Acenaphthene	9.67	154	1090016	42.68	ng	99
53) 3-Nitroaniline	9.61	138	358512	40.15	ng	95
54) 2,4-Dinitrophenol	9.72	184	147630	41.77	ng	97
55) Dibenzofuran	9.85	168	1570126	42.69	ng	97
56) 4-Nitrophenol	9.80	139	193955	40.42	ng	94
57) 2,4-Dinitrotoluene	9.85	165	380047	43.27	ng	95
58) Fluorene	10.19	166	1233156	44.03	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	331739	42.73	ng	99
60) Diethylphthalate	10.07	149	1376809	42.51	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	611136	41.97	ng	95
62) 4-Nitroaniline	10.23	138	353497	42.51	ng	99
63) Azobenzene	10.35	77	1302384	42.55	ng	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	218544	45.17	ng	88
66) n-Nitrosodiphenylamine	10.31	169	1112753	42.05	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	380176	40.96	ng	97
68) Hexachlorobenzene	10.74	284	394531	40.63	ng	97
69) Atrazine	10.85	200	315091	39.79	ng	100
70) Pentachlorophenol	10.94	266	169905	41.14	ng	100
71) Phenanthrene	11.15	178	1732087	43.09	ng	100
72) Anthracene	11.20	178	1831832	42.57	ng	99
73) Carbazole	11.36	167	1754206	43.63	ng	99
74) Di-n-butylphthalate	11.70	149	2132728	44.01	ng	99
75) Fluoranthene	12.34	202	1926174	44.71	ng	98
77) Benzidine	12.47	184	765772	41.39	ng	97
78) Pyrene	12.57	202	1907011	42.22	ng	100
80) Butylbenzylphthalate	13.19	149	883134	41.52	ng	98
81) Benzo(a)anthracene	13.76	228	1416162	42.38	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	545206	43.29	ng	99
83) Chrysene	13.80	228	1448838	40.38	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1089314	41.17	ng	100
85) Di-n-octyl phthalate	14.37	149	2112496	44.38	ng	98
86) Indeno(1,2,3-cd)pyrene	16.48	276	1183986	36.35	ng	98
88) Benzo(b)fluoranthene	14.77	252	1318817	42.08	ng	99
89) Benzo(k)fluoranthene	14.80	252	1248346	45.98	ng	97
90) Benzo(a)pyrene	15.10	252	1154578	41.08	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	977649	39.27	ng	99
92) Benzo(g,h,i)perylene	16.88	276	911939	36.32	ng	98

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

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