Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120939.D
Acq On : 20 Jul 2020 18:13
Operator : JU/CG
Sample : PB130317BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Manual Integrations APPROVED
mohammad
7/21/2020 11:32:44 AM

Quant Time: Jul 20 19:04:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218495	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	851918	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	450442	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	865234	20.00	ng		0.00
76) Chrysene-d12	13.98	240	642333	20.00	ng		0.00
86) Perylene-d12	15.43	264	611054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1699634	127.52	ng		0.02
7) Phenol-d6	6.46	99	2146105	124.65	ng		0.02
23) Nitrobenzene-d5	7.39	82	1382009	93.87	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	632337	128.25	ng		0.01
45) 2-Fluorobiphenyl	9.18	172	2283939	75.70	ng		0.00
79) Terphenyl-d14	12.93	244	2561429	86.68	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	228585	37.265	ng		99
3) Pyridine	3.35	79	654651	40.119	ng		99
4) n-Nitrosodimethylamine	3.30	42	304668	43.664	ng		94
6) Aniline	6.48	93	807646	35.938	ng		92
8) 2-Chlorophenol	6.60	128	672060	45.772	ng		99
9) Benzaldehyde	6.37	77	342084	41.390	ng		97
10) Phenol	6.47	94	742700	39.216	ng		78
11) bis(2-Chloroethyl)ether	6.56	93	625722	43.111	ng		99
12) 1,3-Dichlorobenzene	6.76	146	661233	41.532	ng		99
13) 1,4-Dichlorobenzene	6.83	146	659712	41.671	ng		99
14) 1,2-Dichlorobenzene	6.99	146	592915	39.588	ng		98
15) Benzyl Alcohol	6.96	79	486176	39.931	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	878046	41.971	ng		99
17) 2-Methylphenol	7.08	107	527312	40.520	ng		98
18) Hexachloroethane	7.33	117	247425	43.180	ng		94
19) n-Nitroso-di-n-propylamine	7.24	70	416828	42.577	ng		97
20) 3+4-Methylphenols	7.23	107	571555	34.526	ng		94
22) Acetophenone	7.23	105	777854	40.684	ng	#	93
24) Nitrobenzene	7.40	77	652880	41.143	ng		99
25) Isophorone	7.65	82	1235758	42.056	ng		99
26) 2-Nitrophenol	7.72	139	359200	47.662	ng		97
27) 2,4-Dimethylphenol	7.76	122	543672	44.431	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	787871	43.926	ng		100
29) 2,4-Dichlorophenol	7.96	162	549053	43.911	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	578065	41.670	ng		98
31) Naphthalene	8.13	128	1770165	40.508	ng		99
32) Benzoic acid	7.90	122	453681	49.392	ng		99
33) 4-Chloroaniline	8.17	127	648877	33.286	ng		98
34) Hexachlorobutadiene	8.24	225	327722	40.074	ng		99
35) Caprolactam	8.56	113	169208m	42.199	ng		
36) 4-Chloro-3-methylphenol	8.66	107	575184	44.853	ng		97
37) 2-Methylnaphthalene	8.82	142	1197045	42.188	ng		98
38) 1-Methylnaphthalene	8.92	142	1137458	42.327	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	521288	39.720	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	570192	78.611 ng		97
43) 2,4,6-Trichlorophenol	9.09	196	417947	45.230 ng		99
44) 2,4,5-Trichlorophenol	9.14	196	434128	41.418 ng		99
46) 1,1'-Biphenyl	9.28	154	1404507	40.877 ng		98
47) 2-Chloronaphthalene	9.30	162	1131320	40.385 ng		100
48) 2-Nitroaniline	9.40	65	373863	44.161 ng		91
49) Acenaphthylene	9.72	152	1772683	40.733 ng		100
50) Dimethylphthalate	9.59	163	1378851	42.431 ng		99
51) 2,6-Dinitrotoluene	9.65	165	319901	45.821 ng		91
52) Acenaphthene	9.89	154	1244786m	44.989 ng		
53) 3-Nitroaniline	9.82	138	293724	33.545 ng		96
54) 2,4-Dinitrophenol	9.92	184	336659	83.453 ng	#	84
55) Dibenzofuran	10.06	168	1604922	40.111 ng		99
56) 4-Nitrophenol	9.99	139	573236	86.183 ng		94
57) 2,4-Dinitrotoluene	10.05	165	420625	45.878 ng		97
58) Fluorene	10.41	166	1141357	38.247 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	371219	46.515 ng		96
60) Diethylphthalate	10.29	149	1377651	41.913 ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	555484	34.899 ng		98
62) 4-Nitroaniline	10.43	138	362532	42.504 ng		96
63) Azobenzene	10.56	77	1290532	41.241 ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	236555	47.300 ng		93
66) n-Nitrosodiphenylamine	10.52	169	1144166	42.036 ng		99
67) 4-Bromophenyl-phenylether	10.89	248	401617	41.633 ng		96
68) Hexachlorobenzene	10.95	284	448596	42.989 ng		95
69) Atrazine	11.05	200	341918	50.723 ng		99
70) Pentachlorophenol	11.15	266	490811	82.101 ng		99
71) Phenanthrene	11.37	178	1783220	40.073 ng		99
72) Anthracene	11.42	178	1809010	40.485 ng		99
73) Carbazole	11.57	167	1743438	39.316 ng		99
74) Di-n-butylphthalate	11.90	149	2118910	41.406 ng		99
75) Fluoranthene	12.56	202	1975986	40.061 ng		98
77) Benzidine	12.67	184	1046254	61.952 ng		99
78) Pyrene	12.79	202	1996898	43.972 ng		99
80) Butylbenzylphthalate	13.40	149	928118	45.845 ng		96
81) Benzo(a)anthracene	13.97	228	1551851	39.897 ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	596309	40.636 ng		99
83) Chrysene	14.01	228	1721758	42.121 ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1046061	41.903 ng	#	100
85) Di-n-octyl phthalate	14.57	149	2168770	43.667 ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1605191	37.772 ng		99
88) Benzo(b)fluoranthene	15.01	252	1874474	50.749 ng		99
89) Benzo(k)fluoranthene	15.04	252	1508036	44.768 ng		100
90) Benzo(a)pyrene	15.37	252	1515170	44.962 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1332295	38.380 ng		99
92) Benzo(g,h,i)perylene	17.30	276	1275703	37.272 ng		98

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

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