Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120259.D
Acq On : 1 May 2020 15:39
Operator : MA/SJ
Sample : PB128596BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Manual Integrations APPROVED
mohammad
5/4/2020 3:45:10 PM

Quant Time: May 01 16:19:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 16:17:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	141583	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	536612	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	278127	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	552579	20.00	ng		0.00
76) Chrysene-d12	13.82	240	417542	20.00	ng		0.00
87) Perylene-d12	15.22	264	371184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1041140	127.08	ng		0.00
7) Phenol-d6	6.31	99	1289164	122.12	ng		0.00
23) Nitrobenzene-d5	7.22	82	812758	78.36	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	362204	106.37	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1613008	82.34	ng		0.00
79) Terphenyl-d14	12.77	244	1863874	75.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	128361	35.177	ng		98
3) Pyridine	2.97	79	313860	31.350	ng		98
4) n-Nitrosodimethylamine	2.93	42	201609	39.414	ng		97
6) Aniline	6.32	93	399406	28.826	ng	#	50
8) 2-Chlorophenol	6.44	128	397769	43.454	ng		99
9) Benzaldehyde	6.20	77	288799	49.535	ng		97
10) Phenol	6.32	94	498380	41.614	ng		90
11) bis(2-Chloroethyl)ether	6.39	93	378834	40.968	ng		99
12) 1,3-Dichlorobenzene	6.59	146	408584	40.771	ng		99
13) 1,4-Dichlorobenzene	6.67	146	415704	40.721	ng		99
14) 1,2-Dichlorobenzene	6.82	146	391150	41.576	ng		100
15) Benzyl Alcohol	6.80	79	331489	40.429	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	649663	36.104	ng	#	44
17) 2-Methylphenol	6.93	107	322220	39.444	ng	#	91
18) Hexachloroethane	7.16	117	155641	40.795	ng		92
19) n-Nitroso-di-n-propylamine	7.07	70	278104	40.968	ng		96
20) 3+4-Methylphenols	7.08	107	417535	41.791	ng	#	85
22) Acetophenone	7.07	105	556243	44.267	ng		99
24) Nitrobenzene	7.24	77	415008	39.773	ng		99
25) Isophorone	7.48	82	763098	38.164	ng		99
26) 2-Nitrophenol	7.56	139	218215	41.859	ng		92
27) 2,4-Dimethylphenol	7.61	122	349627	44.469	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	479141	40.722	ng		99
29) 2,4-Dichlorophenol	7.81	162	325281	40.362	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	359300	39.347	ng		98
31) Naphthalene	7.96	128	1153306	40.850	ng		98
32) Benzoic acid	7.75	122	241100	34.917	ng		98
33) 4-Chloroaniline	8.01	127	180675	14.700	ng		99
34) Hexachlorobutadiene	8.07	225	207109	37.889	ng		100
35) Caprolactam	8.39	113	106043m	43.016	ng		
36) 4-Chloro-3-methylphenol	8.52	107	359854	41.243	ng		97
37) 2-Methylnaphthalene	8.65	142	777688	40.630	ng		98
38) 1-Methylnaphthalene	8.75	142	728677	40.390	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	353693	40.264	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	328740	65.812	ng		99
43) 2,4,6-Trichlorophenol	8.94	196	237581	39.166	ng		98
44) 2,4,5-Trichlorophenol	8.99	196	250549	36.672	ng		95
46) 1,1'-Biphenyl	9.12	154	957772	40.799	ng		98
47) 2-Chloronaphthalene	9.14	162	726033	40.147	ng		100
48) 2-Nitroaniline	9.25	65	256309	39.110	ng		92
49) Acenaphthylene	9.56	152	1161623	42.237	ng		97
50) Dimethylphthalate	9.43	163	875915	40.716	ng		99
51) 2,6-Dinitrotoluene	9.49	165	193350	41.043	ng		89
52) Acenaphthene	9.73	154	679435	37.034	ng		99
53) 3-Nitroaniline	9.65	138	105854	19.674	ng		98
54) 2,4-Dinitrophenol	9.77	184	200290	71.014	ng	#	89
55) Dibenzofuran	9.90	168	1033953	41.070	ng		99
56) 4-Nitrophenol	9.85	139	269374	67.289	ng		93
57) 2,4-Dinitrotoluene	9.89	165	253637	40.865	ng	#	87
58) Fluorene	10.25	166	825527	41.002	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	207953	39.797	ng		98
60) Diethylphthalate	10.13	149	898020	40.276	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	396353	38.408	ng		99
62) 4-Nitroaniline	10.27	138	215473	42.023	ng		98
63) Azobenzene	10.40	77	836873	41.882	ng		97
65) 4,6-Dinitro-2-methylphenol	10.31	198	142670	39.190	ng		91
66) n-Nitrosodiphenylamine	10.36	169	745381	40.560	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	244173	35.532	ng		94
68) Hexachlorobenzene	10.79	284	263899	37.855	ng		94
69) Atrazine	10.89	200	218213	42.677	ng		99
70) Pentachlorophenol	10.99	266	232438	57.858	ng		98
71) Phenanthrene	11.20	178	1190766	40.490	ng		99
72) Anthracene	11.26	178	1245186	41.447	ng		98
73) Carbazole	11.42	167	1138413	40.070	ng		98
74) Di-n-butylphthalate	11.75	149	1481358	39.663	ng		99
75) Fluoranthene	12.39	202	1333737	42.032	ng		98
77) Benzidine	12.52	184	744202	52.727	ng		99
78) Pyrene	12.62	202	1341752	38.118	ng		98
80) Butylbenzylphthalate	13.24	149	642758	37.632	ng		97
81) Benzo(a)anthracene	13.81	228	1124730	40.946	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	198656	19.383	ng		99
83) Chrysene	13.85	228	1135307	40.677	ng		98
84) Bis(2-ethylhexyl)phthalate	13.81	149	857682	37.081	ng		99
85) Di-n-octyl phthalate	14.42	149	1518357	38.554	ng		98
86) Indeno(1,2,3-cd)pyrene	16.57	276	942251	38.298	ng		99
88) Benzo(b)fluoranthene	14.83	252	1021622	38.260	ng		99
89) Benzo(k)fluoranthene	14.86	252	1006532	43.688	ng		99
90) Benzo(a)pyrene	15.17	252	904274	40.278	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	785855	39.516	ng		99
92) Benzo(g,h,i)perylene	16.98	276	773179	39.387	ng		96

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

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