Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001227.D
Acq On : 06 Dec 2019 13:11
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Dec 06 14:08:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	126545	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	460280	20.00	ng		-0.01
39) Acenaphthene-d10	13.20	164	265261	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	525844	20.00	ng		-0.01
76) Chrysene-d12	19.25	240	410109	20.00	ng		-0.01
87) Perylene-d12	21.01	264	410959	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	637488	83.58	ng		0.00
7) Phenol-d6	7.76	99	844583	83.12	ng		0.00
23) Nitrobenzene-d5	9.20	82	939004	88.51	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	243766	95.88	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	1585139	87.46	ng		-0.01
79) Terphenyl-d14	17.89	244	1903873	85.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	136126	38.209	ng		99
3) Pyridine	3.39	79	382535	38.694	ng		96
4) n-Nitrosodimethylamine	3.32	42	215770	50.438	ng		90
6) Aniline	7.79	93	543484	40.339	ng	#	59
8) 2-Chlorophenol	7.97	128	322365	40.849	ng		97
9) Benzaldehyde	7.60	77	254173	42.892	ng		98
10) Phenol	7.78	94	476151	41.195	ng		93
11) bis(2-Chloroethyl)ether	7.92	93	357242	39.691	ng		100
12) 1,3-Dichlorobenzene	8.22	146	392527	41.965	ng		98
13) 1,4-Dichlorobenzene	8.33	146	395370	41.960	ng		98
14) 1,2-Dichlorobenzene	8.58	146	374090	42.185	ng		98
15) Benzyl Alcohol	8.55	79	384551	46.101	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	579956	40.079	ng		98
17) 2-Methylphenol	8.73	107	288765	39.890	ng		98
18) Hexachloroethane	9.11	117	169747	43.548	ng		95
19) n-Nitroso-di-n-propylamine	8.99	70	305057	41.604	ng		99
20) 3+4-Methylphenols	8.98	107	379215	41.557	ng		97
22) Acetophenone	8.96	105	573410	42.386	ng	#	97
24) Nitrobenzene	9.22	77	457607	43.378	ng		97
25) Isophorone	9.62	82	789144	41.481	ng		99
26) 2-Nitrophenol	9.73	139	166212	43.014	ng		97
27) 2,4-Dimethylphenol	9.83	122	249387	40.745	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	476879	39.953	ng		100
29) 2,4-Dichlorophenol	10.12	162	296782	42.603	ng		100
30) 1,2,4-Trichlorobenzene	10.26	180	353081	43.394	ng		99
31) Naphthalene	10.38	128	970548	41.287	ng		100
32) Benzoic acid	10.03	122	179534	40.573	ng		99
33) 4-Chloroaniline	10.47	127	407400	39.937	ng		100
34) Hexachlorobutadiene	10.60	225	238107	46.519	ng		95
35) Caprolactam	11.07	113	96466	40.179	ng		97
36) 4-Chloro-3-methylphenol	11.29	107	360240	43.616	ng		98
37) 2-Methylnaphthalene	11.51	142	674482	42.048	ng		99
38) 1-Methylnaphthalene	11.66	142	634503	41.874	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	365147	43.680	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	176069	45.655 ng	99
43) 2,4,6-Trichlorophenol	11.97	196	235651	43.173 ng	97
44) 2,4,5-Trichlorophenol	12.03	196	238970	42.255 ng	98
46) 1,1'-Biphenyl	12.28	154	855538	41.733 ng	98
47) 2-Chloronaphthalene	12.30	162	685607	41.869 ng	100
48) 2-Nitroaniline	12.47	65	283139	44.118 ng	99
49) Acenaphthylene	12.97	152	1013778	41.302 ng	100
50) Dimethylphthalate	12.80	163	851515	42.921 ng	100
51) 2,6-Dinitrotoluene	12.89	165	174900	41.184 ng	96
52) Acenaphthene	13.26	154	612645	41.493 ng	99
53) 3-Nitroaniline	13.15	138	192480	40.347 ng	99
54) 2,4-Dinitrophenol	13.32	184	83923	51.190 ng	91
55) Dibenzofuran	13.55	168	944223	42.557 ng	99
56) 4-Nitrophenol	13.43	139	141763	41.936 ng	91
57) 2,4-Dinitrotoluene	13.54	165	241585	45.383 ng	94
58) Fluorene	14.10	166	758248	42.649 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	205226	44.146 ng	99
60) Diethylphthalate	13.97	149	882839	42.977 ng	100
61) 4-Chlorophenyl-phenylether	14.12	204	394123	43.534 ng	96
62) 4-Nitroaniline	12.47	138	225168	40.710 ng	97
63) Azobenzene	14.39	77	942859	42.463 ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	97028	43.674 ng	90
66) n-Nitrosodiphenylamine	14.32	169	649810	40.670 ng	98
67) 4-Bromophenyl-phenylether	14.92	248	236949	41.505 ng	98
68) Hexachlorobenzene	15.00	284	263988	42.061 ng	98
69) Atrazine	15.21	200	198533	40.696 ng	97
70) Pentachlorophenol	15.31	266	147932	45.223 ng	99
71) Phenanthrene	15.64	178	1148449	41.542 ng	100
72) Anthracene	15.72	178	1136670	41.715 ng	99
73) Carbazole	15.96	167	1029586	41.524 ng	99
74) Di-n-butylphthalate	16.52	149	1465659	43.964 ng	100
75) Fluoranthene	17.35	202	1269138	43.364 ng	99
77) Benzidine	17.53	184	454093	42.885 ng	98
78) Pyrene	17.65	202	1291533	39.984 ng	99
80) Butylbenzylphthalate	18.53	149	636071	42.634 ng	99
81) Benzo(a)anthracene	19.23	228	1160856	40.826 ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	404529	43.064 ng	99
83) Chrysene	19.28	228	1064857	41.821 ng	99
84) Bis(2-ethylhexyl)phthalate	19.28	149	883906	43.091 ng	98
85) Di-n-octyl phthalate	20.06	149	1513657	41.541 ng	99
86) Indeno(1,2,3-cd)pyrene	22.65	276	1098283	36.600 ng	99
88) Benzo(b)fluoranthene	20.53	252	1101553	43.884 ng	99
89) Benzo(k)fluoranthene	20.56	252	993409	41.090 ng	99
90) Benzo(a)pyrene	20.94	252	970047	41.956 ng	99
91) Dibenzo(a,h)anthracene	22.68	278	896221	39.610 ng	99
92) Benzo(g,h,i)perylene	23.14	276	871999	39.029 ng	98

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

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