Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000846.D
Acq On : 17 Oct 2019 18:48
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Oct 18 01:44:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	191032	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	695804	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	365259	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	645144	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	516727	20.00	ng		0.00
87) Perylene-d12	15.46	264	591709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	921947	77.58	ng		-0.02
7) Phenol-d6	6.39	99	1079491	75.38	ng		-0.02
23) Nitrobenzene-d5	7.32	82	855936	75.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	303342	77.93	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1858415	82.32	ng		-0.01
79) Terphenyl-d14	12.91	244	2058948	80.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	185831	39.157	ng		98
3) Pyridine	3.16	79	471936	36.397	ng		98
4) n-Nitrosodimethylamine	3.11	42	132755	36.384	ng		99
6) Aniline	6.41	93	646841	37.178	ng	#	72
8) 2-Chlorophenol	6.54	128	454914	38.786	ng		96
9) Benzaldehyde	6.30	77	270202	36.222	ng		96
10) Phenol	6.40	94	543180	37.045	ng		88
11) bis(2-Chloroethyl)ether	6.49	93	421503	37.364	ng		97
12) 1,3-Dichlorobenzene	6.69	146	558606	39.290	ng		99
13) 1,4-Dichlorobenzene	6.77	146	563908	39.416	ng		97
14) 1,2-Dichlorobenzene	6.92	146	521961	39.516	ng		99
15) Benzyl Alcohol	6.89	79	338112	36.558	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	380683	36.584	ng		94
17) 2-Methylphenol	7.01	107	366109	37.770	ng		99
18) Hexachloroethane	7.26	117	196517	38.595	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	239696	36.312	ng		99
20) 3+4-Methylphenols	7.17	107	442841	39.044	ng	#	69
22) Acetophenone	7.16	105	625358	38.896	ng		97
24) Nitrobenzene	7.33	77	412425	37.535	ng		99
25) Isophorone	7.58	82	736947	36.447	ng		99
26) 2-Nitrophenol	7.65	139	228073	39.471	ng		97
27) 2,4-Dimethylphenol	7.69	122	338795	38.250	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	519057	37.775	ng		99
29) 2,4-Dichlorophenol	7.90	162	393553	39.297	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	477153	40.568	ng		98
31) Naphthalene	8.06	128	1273492	39.189	ng		99
32) Benzoic acid	7.82	122	176583	31.573	ng		99
33) 4-Chloroaniline	8.10	127	532623	37.329	ng		99
34) Hexachlorobutadiene	8.18	225	291757	41.046	ng		98
35) Caprolactam	8.47	113	116657	34.777	ng		97
36) 4-Chloro-3-methylphenol	8.60	107	363819	37.091	ng		99
37) 2-Methylnaphthalene	8.75	142	851909	39.051	ng		99
38) 1-Methylnaphthalene	8.85	142	799703	38.797	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	480918	41.598	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	193820	45.360 ng	99
43) 2,4,6-Trichlorophenol	9.04	196	266712	37.477 ng	98
44) 2,4,5-Trichlorophenol	9.08	196	276780	37.668 ng	99
46) 1,1'-Biphenyl	9.22	154	1100676	39.922 ng	97
47) 2-Chloronaphthalene	9.25	162	845386	39.653 ng	99
48) 2-Nitroaniline	9.34	65	188185	36.460 ng	94
49) Acenaphthylene	9.66	152	1246907	38.767 ng	98
50) Dimethylphthalate	9.52	163	969525	38.200 ng	99
51) 2,6-Dinitrotoluene	9.59	165	208567	37.684 ng	93
52) Acenaphthene	9.83	154	730973	37.464 ng	99
53) 3-Nitroaniline	9.75	138	228130	35.973 ng	98
54) 2,4-Dinitrophenol	9.87	184	71087	38.491 ng	97
55) Dibenzofuran	10.01	168	1118738	38.358 ng	98
56) 4-Nitrophenol	9.93	139	132731	32.783 ng	100
57) 2,4-Dinitrotoluene	9.99	165	268817	36.632 ng	99
58) Fluorene	10.36	166	844121	40.608 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	219894	35.402 ng	96
60) Diethylphthalate	10.23	149	910422	37.789 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	462074	41.338 ng	96
62) 4-Nitroaniline	10.38	138	230769	37.836 ng	95
63) Azobenzene	10.51	77	710006	38.384 ng	95
65) 4,6-Dinitro-2-methylphenol	10.41	198	95976	33.559 ng	96
66) n-Nitrosodiphenylamine	10.46	169	749531	39.890 ng	97
67) 4-Bromophenyl-phenylether	10.84	248	294261	40.520 ng	95
68) Hexachlorobenzene	10.92	284	324132	39.276 ng	97
69) Atrazine	11.00	200	206864	33.548 ng	98
70) Pentachlorophenol	11.12	266	108840	32.836 ng	97
71) Phenanthrene	11.33	178	1266648	39.093 ng	100
72) Anthracene	11.38	178	1260250	39.228 ng	99
73) Carbazole	11.53	167	1131986	38.011 ng	98
74) Di-n-butylphthalate	11.87	149	1434825	39.551 ng	100
75) Fluoranthene	12.53	202	1393646	38.298 ng	99
77) Benzidine	12.65	184	580219	38.777 ng	99
78) Pyrene	12.76	202	1395850	39.167 ng	99
80) Butylbenzylphthalate	13.39	149	614701	39.582 ng	98
81) Benzo(a)anthracene	13.97	228	1227740	38.942 ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	492065	39.293 ng	97
83) Chrysene	14.01	228	1213715	39.223 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	817620	41.862 ng	99
85) Di-n-octyl phthalate	14.59	149	1459468	41.226 ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1449781	37.507 ng	98
88) Benzo(b)fluoranthene	15.03	252	1275883	38.008 ng	98
89) Benzo(k)fluoranthene	15.06	252	1244954	38.954 ng	98
90) Benzo(a)pyrene	15.40	252	1199657	38.336 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1184604	39.031 ng	98
92) Benzo(g,h,i)perylene	17.39	276	1153446	37.401 ng	98

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

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