Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017304.D
Acq On : 24 Oct 2018 06:43
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 24 07:15:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	291092	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	1268477	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	743036	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	1750304	20.00	ng		-0.02
76) Chrysene-d12	21.25	240	1961789	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1740622	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1477450	85.84	ng		-0.01
7) Phenol-d6	6.85	99	2047303	87.34	ng		-0.01
23) Nitrobenzene-d5	8.82	82	1972745	90.96	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	948853	94.43	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	4742525	84.92	ng		-0.02
79) Terphenyl-d14	19.69	244	7758921	89.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	332824	37.870	ng		89
3) Pyridine	3.64	79	846233	41.848	ng	#	87
4) n-Nitrosodimethylamine	3.56	42	326109	40.172	ng	#	73
6) Aniline	7.00	93	1255778	42.832	ng		98
8) 2-Chlorophenol	7.23	128	873934	43.892	ng		98
9) Benzaldehyde	6.82	77	572908	38.332	ng		96
10) Phenol	6.87	94	1073824	42.566	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	840826	41.811	ng		100
12) 1,3-Dichlorobenzene	7.55	146	977001	42.093	ng		99
13) 1,4-Dichlorobenzene	7.69	146	997179	42.051	ng		97
14) 1,2-Dichlorobenzene	8.00	146	954957	41.797	ng		100
15) Benzyl Alcohol	7.90	79	798777	46.621	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1108320	39.448	ng		99
17) 2-Methylphenol	8.10	107	714241	44.110	ng		98
18) Hexachloroethane	8.72	117	342963	42.261	ng		99
19) n-Nitroso-di-n-propylamine	8.47	70	682665	44.230	ng		96
20) 3+4-Methylphenols	8.43	107	1005542	45.404	ng		99
22) Acetophenone	8.48	105	1330221	41.370	ng	#	100
24) Nitrobenzene	8.86	77	991229	43.206	ng		96
25) Isophorone	9.38	82	1582012	44.173	ng		98
26) 2-Nitrophenol	9.56	139	507779	47.376	ng		97
27) 2,4-Dimethylphenol	9.62	122	722306	45.611	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	1085811	43.075	ng		99
29) 2,4-Dichlorophenol	10.09	162	867123	47.159	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	949542	43.049	ng		100
31) Naphthalene	10.48	128	2605977	41.922	ng		99
32) Benzoic acid	9.79	122	624031	52.812	ng		91
33) 4-Chloroaniline	10.60	127	1199506	44.678	ng		98
34) Hexachlorobutadiene	10.76	225	591365	42.313	ng		99
35) Caprolactam	11.41	113	312111	46.577	ng		94
36) 4-Chloro-3-methylphenol	11.73	107	955126	46.083	ng		97
37) 2-Methylnaphthalene	12.10	142	1867211	43.895	ng		99
38) 1-Methylnaphthalene	12.32	142	1822276	44.014	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1121906	42.875	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	552101	43.644	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	730290	48.077	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	770863	47.325	ng	98
46) 1,1'-Biphenyl	13.13	154	2835176	42.401	ng	99
47) 2-Chloronaphthalene	13.17	162	2088762	42.462	ng	99
48) 2-Nitroaniline	13.39	65	630525	45.682	ng	95
49) Acenaphthylene	14.02	152	3158453	44.297	ng	100
50) Dimethylphthalate	13.77	163	2555742	44.583	ng	99
51) 2,6-Dinitrotoluene	13.89	165	580747	46.029	ng	97
52) Acenaphthene	14.37	154	1913782	42.748	ng	98
53) 3-Nitroaniline	14.22	138	646573	47.316	ng	97
54) 2,4-Dinitrophenol	14.43	184	335533	48.896	ng	97
55) Dibenzofuran	14.70	168	3151653	42.333	ng	100
56) 4-Nitrophenol	14.54	139	515238	43.649	ng	99
57) 2,4-Dinitrotoluene	14.68	165	818361	48.258	ng	98
58) Fluorene	15.36	166	2391129	43.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	706535	47.585	ng	99
60) Diethylphthalate	15.14	149	2649825	46.610	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1360644	43.311	ng	96
62) 4-Nitroaniline	15.39	138	688146	45.409	ng	99
63) Azobenzene	15.64	77	2417759	43.754	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	512563	45.953	ng	98
66) n-Nitrosodiphenylamine	15.57	169	2332163	44.040	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	860025	44.750	ng	97
68) Hexachlorobenzene	16.36	284	949657	42.539	ng	98
69) Atrazine	16.53	200	856318	45.181	ng	99
70) Pentachlorophenol	16.70	266	712228	46.573	ng	99
71) Phenanthrene	17.10	178	3942633	41.750	ng	99
72) Anthracene	17.19	178	3921190	43.700	ng	100
73) Carbazole	17.46	167	4088154	44.602	ng	100
74) Di-n-butylphthalate	18.03	149	4632980	47.923	ng	100
75) Fluoranthene	19.12	202	4760821	44.802	ng	99
77) Benzidine	19.32	184	2507512	50.408	ng	99
78) Pyrene	19.48	202	4958610	45.224	ng	100
80) Butylbenzylphthalate	20.39	149	2220328	52.436	ng	93
81) Benzo(a)anthracene	21.23	228	4839220	43.834	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1868908	45.422	ng	99
83) Chrysene	21.29	228	4659158	42.638	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3228770	50.293	ng	98
85) Di-n-octyl phthalate	22.04	149	5472665	50.302	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	4082553	33.404	ng	99
88) Benzo(b)fluoranthene	22.80	252	4382742	46.054	ng	99
89) Benzo(k)fluoranthene	22.84	252	4265412	44.668	ng	99
90) Benzo(a)pyrene	23.36	252	3943199	43.640	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	3473302	38.712	ng	99
92) Benzo(g,h,i)perylene	26.34	276	3379488	38.004	ng	99

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

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