Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020738.D
Acq On : 05 Jun 2019 16:08
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 06 02:16:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	252062	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	1066033	20.00	ng		-0.02
39) Acenaphthene-d10	14.46	164	577943	20.00	ng		-0.02
64) Phenanthrene-d10	17.20	188	1220915	20.00	ng		-0.01
76) Chrysene-d12	21.39	240	1162480	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1306670	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1138633	79.46	ng		-0.01
7) Phenol-d6	6.98	99	1580305	74.90	ng		-0.01
23) Nitrobenzene-d5	8.98	82	1636314	79.53	ng		-0.02
42) 2,4,6-Tribromophenol	15.95	330	600358	83.84	ng		-0.02
45) 2-Fluorobiphenyl	13.08	172	3586536	82.50	ng		-0.01
79) Terphenyl-d14	19.83	244	5058189	72.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	237096	40.414	ng		95
3) Pyridine	3.74	79	739664	39.627	ng		98
4) n-Nitrosodimethylamine	3.66	42	287801	35.768	ng		92
6) Aniline	7.16	93	1111142	36.396	ng		98
8) 2-Chlorophenol	7.39	128	678007	38.034	ng		97
9) Benzaldehyde	6.97	77	454526	36.033	ng		94
10) Phenol	7.01	94	843415	37.093	ng		97
11) bis(2-Chloroethyl)ether	7.25	93	664895	36.692	ng		96
12) 1,3-Dichlorobenzene	7.71	146	809199	39.497	ng		98
13) 1,4-Dichlorobenzene	7.86	146	817746	39.262	ng		98
14) 1,2-Dichlorobenzene	8.17	146	792833	39.116	ng		99
15) Benzyl Alcohol	8.06	79	642174	34.404	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	922951	32.990	ng		99
17) 2-Methylphenol	8.26	107	571640	35.752	ng		98
18) Hexachloroethane	8.89	117	298222	37.398	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	564865	33.305	ng		95
20) 3+4-Methylphenols	8.58	107	766639	35.241	ng		97
22) Acetophenone	8.65	105	1047863	38.694	ng	#	96
24) Nitrobenzene	9.02	77	821183	39.096	ng		98
25) Isophorone	9.55	82	1442069	35.235	ng		99
26) 2-Nitrophenol	9.73	139	346101	44.212	ng		98
27) 2,4-Dimethylphenol	9.79	122	555507	37.870	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	918780	37.128	ng		100
29) 2,4-Dichlorophenol	10.26	162	647020	39.867	ng		97
30) 1,2,4-Trichlorobenzene	10.48	180	771676	41.352	ng		99
31) Naphthalene	10.66	128	2162996	39.457	ng		99
32) Benzoic acid	9.91	122	357325	39.696	ng		100
33) 4-Chloroaniline	10.77	127	962619	37.732	ng		97
34) Hexachlorobutadiene	10.94	225	460591	41.135	ng		99
35) Caprolactam	11.56	113	197167	34.971	ng		98
36) 4-Chloro-3-methylphenol	11.89	107	680474	36.063	ng		99
37) 2-Methylnaphthalene	12.27	142	1534554	37.766	ng		99
38) 1-Methylnaphthalene	12.49	142	1450758	37.497	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	802437	42.368	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	402973	35.575 ng	98
43) 2,4,6-Trichlorophenol	12.88	196	514784	42.226 ng	97
44) 2,4,5-Trichlorophenol	12.95	196	528457	41.988 ng	97
46) 1,1'-Biphenyl	13.29	154	1953068	40.463 ng	99
47) 2-Chloronaphthalene	13.33	162	1589618	40.805 ng	98
48) 2-Nitroaniline	13.54	65	472245	38.623 ng	91
49) Acenaphthylene	14.18	152	2402495	39.525 ng	99
50) Dimethylphthalate	13.92	163	1878434	38.043 ng	100
51) 2,6-Dinitrotoluene	14.04	165	396653	39.563 ng	90
52) Acenaphthene	14.52	154	1429901	39.475 ng	98
53) 3-Nitroaniline	14.37	138	435756	38.939 ng	93
54) 2,4-Dinitrophenol	14.57	184	146234	38.087 ng	95
55) Dibenzofuran	14.86	168	2206296	39.216 ng	98
56) 4-Nitrophenol	14.67	139	329263	39.928 ng	89
57) 2,4-Dinitrotoluene	14.82	165	537886	40.068 ng	95
58) Fluorene	15.50	166	1784161	38.563 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	456406	41.615 ng	96
60) Diethylphthalate	15.28	149	1819654	35.732 ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	937208	38.259 ng	95
62) 4-Nitroaniline	15.53	138	465702	39.239 ng	95
63) Azobenzene	15.79	77	1707880	34.982 ng	97
65) 4,6-Dinitro-2-methylphenol	15.58	198	208032	39.382 ng	97
66) n-Nitrosodiphenylamine	15.72	169	1518848	38.861 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	564276	39.254 ng	93
68) Hexachlorobenzene	16.50	284	683476	40.717 ng	94
69) Atrazine	16.67	200	468955	40.202 ng	100
70) Pentachlorophenol	16.85	266	345361	43.127 ng	98
71) Phenanthrene	17.25	178	2738822	39.575 ng	100
72) Anthracene	17.33	178	2729644	39.408 ng	99
73) Carbazole	17.60	167	2474906	39.374 ng	99
74) Di-n-butylphthalate	18.17	149	2899958	35.541 ng	99
75) Fluoranthene	19.26	202	3115160	40.477 ng	99
77) Benzidine	19.45	184	1362264	38.674 ng	100
78) Pyrene	19.62	202	3187812	35.735 ng	100
80) Butylbenzylphthalate	20.52	149	1277773	33.894 ng	97
81) Benzo(a)anthracene	21.37	228	3158057	39.011 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1200233	40.488 ng	99
83) Chrysene	21.42	228	3045284	39.574 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1787241	32.619 ng	99
85) Di-n-octyl phthalate	22.19	149	3035698	34.898 ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	3835806	48.724 ng	98
88) Benzo(b)fluoranthene	22.98	252	3283402	38.018 ng	99
89) Benzo(k)fluoranthene	23.03	252	3207715	38.007 ng	99
90) Benzo(a)pyrene	23.57	252	3077407	39.285 ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3212873	42.275 ng	99
92) Benzo(g,h,i)perylene	26.70	276	3040819	43.076 ng	99

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

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