Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020703.D
Acq On : 04 Jun 2019 13:43
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 04 15:11:44 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	314496	20.00	ng		-0.01
21) Naphthalene-d8	10.62	136	1303930	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	704631	20.00	ng		-0.01
64) Phenanthrene-d10	17.20	188	1486877	20.00	ng		-0.01
76) Chrysene-d12	21.39	240	1390745	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1510996	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1451533	81.19	ng		-0.01
7) Phenol-d6	6.99	99	1993546	75.73	ng		0.00
23) Nitrobenzene-d5	8.99	82	2068656	82.20	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	758012	86.83	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	4493389	84.78	ng		-0.01
79) Terphenyl-d14	19.83	244	6324320	76.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	300172	41.008	ng		97
3) Pyridine	3.74	79	924932	39.715	ng		99
4) n-Nitrosodimethylamine	3.66	42	386818	38.530	ng		93
6) Aniline	7.16	93	1405675	36.903	ng		99
8) 2-Chlorophenol	7.39	128	864090	38.850	ng		100
9) Benzaldehyde	6.97	77	592695	38.204	ng		97
10) Phenol	7.02	94	1069418	37.695	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	862844	38.163	ng		97
12) 1,3-Dichlorobenzene	7.71	146	1023269	40.031	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1036120	39.871	ng		98
14) 1,2-Dichlorobenzene	8.17	146	996173	39.391	ng		99
15) Benzyl Alcohol	8.06	79	823697	35.368	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1234630	35.370	ng		99
17) 2-Methylphenol	8.26	107	730913	36.638	ng		99
18) Hexachloroethane	8.90	117	388322	39.030	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	715178	33.796	ng		98
20) 3+4-Methylphenols	8.59	107	977963	36.031	ng		99
22) Acetophenone	8.65	105	1325312	40.010	ng	#	97
24) Nitrobenzene	9.03	77	1042288	40.569	ng		98
25) Isophorone	9.55	82	1865888	37.272	ng		99
26) 2-Nitrophenol	9.73	139	428608	44.762	ng		98
27) 2,4-Dimethylphenol	9.79	122	705700	39.332	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	1193075	39.416	ng		100
29) 2,4-Dichlorophenol	10.26	162	812208	40.915	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	964645	42.261	ng		99
31) Naphthalene	10.67	128	2726023	40.655	ng		99
32) Benzoic acid	9.93	122	449170	40.653	ng		97
33) 4-Chloroaniline	10.78	127	1199990	38.454	ng		97
34) Hexachlorobutadiene	10.94	225	586229	42.804	ng		99
35) Caprolactam	11.57	113	253796	36.802	ng		99
36) 4-Chloro-3-methylphenol	11.90	107	858394	37.192	ng		98
37) 2-Methylnaphthalene	12.28	142	1923491	38.701	ng		99
38) 1-Methylnaphthalene	12.50	142	1832265	38.717	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	997285	43.188	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	491445	35.585 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	647693	43.576 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	664337	43.293 ng	96
46) 1,1'-Biphenyl	13.29	154	2456029	41.735 ng	99
47) 2-Chloronaphthalene	13.34	162	1985382	41.801 ng	98
48) 2-Nitroaniline	13.54	65	603521	40.485 ng	92
49) Acenaphthylene	14.19	152	2995824	40.425 ng	99
50) Dimethylphthalate	13.93	163	2409349	40.022 ng	100
51) 2,6-Dinitrotoluene	14.04	165	504087	41.239 ng	91
52) Acenaphthene	14.53	154	1788133	40.489 ng	98
53) 3-Nitroaniline	14.37	138	548773	40.222 ng	94
54) 2,4-Dinitrophenol	14.57	184	178282	38.085 ng	96
55) Dibenzofuran	14.86	168	2759618	40.232 ng	98
56) 4-Nitrophenol	14.67	139	409799	40.759 ng	95
57) 2,4-Dinitrotoluene	14.83	165	675657	41.282 ng	98
58) Fluorene	15.51	166	2258914	40.047 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.08	232	564295	42.202 ng	99
60) Diethylphthalate	15.29	149	2428538	39.115 ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	1179106	39.479 ng	96
62) 4-Nitroaniline	15.54	138	575821	39.794 ng	94
63) Azobenzene	15.80	77	2237107	37.583 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	254963	39.577 ng	97
66) n-Nitrosodiphenylamine	15.72	169	1924750	40.437 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	722919	41.294 ng	97
68) Hexachlorobenzene	16.50	284	844623	41.317 ng	99
69) Atrazine	16.67	200	619871	43.634 ng	99
70) Pentachlorophenol	16.85	266	437492	44.860 ng	99
71) Phenanthrene	17.25	178	3409704	40.456 ng	100
72) Anthracene	17.34	178	3389049	40.176 ng	100
73) Carbazole	17.61	167	3053201	39.886 ng	100
74) Di-n-butylphthalate	18.17	149	4051644	40.773 ng	99
75) Fluoranthene	19.26	202	3839020	40.959 ng	100
77) Benzidine	19.45	184	1678552	39.832 ng	99
78) Pyrene	19.63	202	3913004	36.665 ng	100
80) Butylbenzylphthalate	20.53	149	1782685	39.526 ng	95
81) Benzo(a)anthracene	21.37	228	3860599	39.862 ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	1519187	42.836 ng	99
83) Chrysene	21.42	228	3668308	39.846 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2659622	40.574 ng	100
85) Di-n-octyl phthalate	22.20	149	4428864	42.557 ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	4450975	47.259 ng	99
88) Benzo(b)fluoranthene	22.98	252	3901133	39.063 ng	99
89) Benzo(k)fluoranthene	23.03	252	3850793	39.456 ng	100
90) Benzo(a)pyrene	23.57	252	3652921	40.326 ng	99
91) Dibenzo(a,h)anthracene	26.01	278	3710899	42.225 ng	99
92) Benzo(g,h,i)perylene	26.71	276	3453923	42.312 ng	99

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

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