Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017178.D
Acq On : 18 Oct 2018 04:22
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 18 13:02:37 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	7.67	152	235576	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1007509	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	596726	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1411463	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1639597	20.00	ng		0.00
87) Perylene-d12	23.47	264	1688623	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1103414	79.22	ng		0.00
7) Phenol-d6	6.85	99	1483498	78.20	ng		0.00
23) Nitrobenzene-d5	8.83	82	1489137	86.44	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	686710	85.10	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3617287	80.66	ng		0.00
79) Terphenyl-d14	19.70	244	5844633	80.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	256928	36.124	ng	#	85
3) Pyridine	3.65	79	635086	38.807	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	263928	40.174	ng	#	68
6) Aniline	7.01	93	925835	39.020	ng		97
8) 2-Chlorophenol	7.24	128	642136	39.851	ng		96
9) Benzaldehyde	6.83	77	431876	35.706	ng		94
10) Phenol	6.88	94	780193	38.215	ng		97
11) bis(2-Chloroethyl)ether	7.11	93	617172	37.922	ng		99
12) 1,3-Dichlorobenzene	7.56	146	741492	39.475	ng		99
13) 1,4-Dichlorobenzene	7.70	146	746722	38.910	ng		99
14) 1,2-Dichlorobenzene	8.02	146	720751	38.980	ng		98
15) Benzyl Alcohol	7.92	79	591386	42.651	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	829688	36.490	ng		99
17) 2-Methylphenol	8.12	107	524193	40.002	ng		97
18) Hexachloroethane	8.73	117	262578	39.980	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	512509	41.031	ng		99
20) 3+4-Methylphenols	8.44	107	717246	40.018	ng		98
22) Acetophenone	8.49	105	1004350	39.326	ng	#	98
24) Nitrobenzene	8.87	77	761223	41.775	ng		94
25) Isophorone	9.39	82	1163266	40.894	ng		98
26) 2-Nitrophenol	9.57	139	343466	41.193	ng		93
27) 2,4-Dimethylphenol	9.63	122	517819	41.168	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	793084	39.611	ng		99
29) 2,4-Dichlorophenol	10.10	162	618011	42.317	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	712340	40.660	ng		99
31) Naphthalene	10.50	128	1943173	39.356	ng		99
32) Benzoic acid	9.78	122	412610	43.964	ng		92
33) 4-Chloroaniline	10.62	127	880401	41.287	ng		97
34) Hexachlorobutadiene	10.78	225	452488	40.762	ng		99
35) Caprolactam	11.41	113	213707	40.153	ng		96
36) 4-Chloro-3-methylphenol	11.75	107	698782	42.448	ng		98
37) 2-Methylnaphthalene	12.12	142	1391351	41.180	ng		98
38) 1-Methylnaphthalene	12.34	142	1344564	40.888	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	844085	40.167	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	468742	46.140	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	532186	43.625	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	560716	42.864	ng		97
46) 1,1'-Biphenyl	13.14	154	2139719	39.846	ng		98
47) 2-Chloronaphthalene	13.18	162	1577002	39.919	ng		99
48) 2-Nitroaniline	13.39	65	455923	41.698	ng		98
49) Acenaphthylene	14.03	152	2366307	41.324	ng		99
50) Dimethylphthalate	13.78	163	1903137	41.339	ng		100
51) 2,6-Dinitrotoluene	13.90	165	427798	42.220	ng		95
52) Acenaphthene	14.38	154	1438518	40.011	ng		98
53) 3-Nitroaniline	14.23	138	454847	41.447	ng		92
54) 2,4-Dinitrophenol	14.43	184	230230	42.974	ng		94
55) Dibenzofuran	14.72	168	2368250	39.610	ng		98
56) 4-Nitrophenol	14.54	139	379668	40.439	ng		94
57) 2,4-Dinitrotoluene	14.69	165	587807	43.162	ng	#	99
58) Fluorene	15.37	166	1792337	40.500	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	515796	43.256	ng		97
60) Diethylphthalate	15.15	149	1956277	42.848	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1015494	40.250	ng		93
62) 4-Nitroaniline	15.40	138	490780	40.858	ng		93
63) Azobenzene	15.66	77	1857614	41.860	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	375999	42.434	ng		96
66) n-Nitrosodiphenylamine	15.58	169	1759561	41.204	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	645224	41.633	ng		98
68) Hexachlorobenzene	16.37	284	717724	39.868	ng		99
69) Atrazine	16.54	200	640720	41.922	ng		98
70) Pentachlorophenol	16.72	266	519912	42.159	ng		100
71) Phenanthrene	17.10	178	2990545	39.270	ng		99
72) Anthracene	17.20	178	2960919	40.920	ng		100
73) Carbazole	17.47	167	3016185	40.806	ng		99
74) Di-n-butylphthalate	18.04	149	3340572	42.850	ng		100
75) Fluoranthene	19.13	202	3500010	40.844	ng		100
77) Benzidine	19.32	184	1923754	46.273	ng		98
78) Pyrene	19.49	202	3721655	40.613	ng		100
80) Butylbenzylphthalate	20.40	149	1522330	44.305	ng		97
81) Benzo(a)anthracene	21.24	228	3711638	40.227	ng		100
82) 3,3'-Dichlorobenzidine	21.18	252	1451649	42.214	ng		100
83) Chrysene	21.29	228	3614672	39.580	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2241263	42.671	ng		99
85) Di-n-octyl phthalate	22.06	149	3731787	42.066	ng		100
86) Indeno(1,2,3-cd)pyrene	25.69	276	4105392	40.191	ng		99
88) Benzo(b)fluoranthene	22.81	252	3786425	41.013	ng		100
89) Benzo(k)fluoranthene	22.85	252	3542125	38.236	ng		99
90) Benzo(a)pyrene	23.37	252	3523352	40.194	ng		99
91) Dibenzo(a,h)anthracene	25.70	278	3478449	39.963	ng		98
92) Benzo(g,h,i)perylene	26.37	276	3423004	39.679	ng		99

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

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