Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017169.D
Acq On : 17 Oct 2018 16:23
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 18 12:55:09 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	7.68	152	189324	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	827186	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	501580	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1191911	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1395533	20.00	ng		0.00
87) Perylene-d12	23.47	264	1438160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	895335	79.99	ng		0.00
7) Phenol-d6	6.85	99	1216352	79.79	ng		0.00
23) Nitrobenzene-d5	8.83	82	1215974	85.97	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	579488	85.43	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3008998	79.82	ng		0.00
79) Terphenyl-d14	19.70	244	5131792	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	214099	37.456	ng	#	86
3) Pyridine	3.65	79	532771	40.509	ng	#	85
4) n-Nitrosodimethylamine	3.56	42	209382	39.657	ng	#	66
6) Aniline	7.02	93	762416	39.983	ng		99
8) 2-Chlorophenol	7.25	128	522845	40.375	ng		98
9) Benzaldehyde	6.83	77	384289	39.533	ng		91
10) Phenol	6.88	94	647241	39.448	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	511444	39.102	ng		100
12) 1,3-Dichlorobenzene	7.56	146	595667	39.459	ng		98
13) 1,4-Dichlorobenzene	7.71	146	603202	39.110	ng		95
14) 1,2-Dichlorobenzene	8.02	146	589731	39.686	ng		98
15) Benzyl Alcohol	7.92	79	480376	43.108	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	675720	36.979	ng		99
17) 2-Methylphenol	8.12	107	428868	40.723	ng		95
18) Hexachloroethane	8.74	117	213662	40.480	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	430424	42.878	ng		96
20) 3+4-Methylphenols	8.45	107	598065	41.521	ng		97
22) Acetophenone	8.49	105	837233	39.929	ng	#	99
24) Nitrobenzene	8.87	77	623436	41.672	ng		95
25) Isophorone	9.39	82	987200	42.270	ng		97
26) 2-Nitrophenol	9.57	139	275036	40.317	ng		95
27) 2,4-Dimethylphenol	9.64	122	434696	42.093	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	669097	40.704	ng		99
29) 2,4-Dichlorophenol	10.10	162	514546	42.913	ng		100
30) 1,2,4-Trichlorobenzene	10.32	180	583194	40.545	ng		99
31) Naphthalene	10.50	128	1617949	39.913	ng		99
32) Benzoic acid	9.77	122	339812	44.100	ng		91
33) 4-Chloroaniline	10.62	127	739232	42.224	ng		96
34) Hexachlorobutadiene	10.78	225	366569	40.221	ng		100
35) Caprolactam	11.41	113	181559	41.549	ng		95
36) 4-Chloro-3-methylphenol	11.75	107	587268	43.451	ng		96
37) 2-Methylnaphthalene	12.12	142	1158713	41.771	ng		98
38) 1-Methylnaphthalene	12.34	142	1123826	41.625	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	698755	39.558	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	365931	42.852	ng		98
43) 2,4,6-Trichlorophenol	12.74	196	439591	42.870	ng		99
44) 2,4,5-Trichlorophenol	12.81	196	468954	42.649	ng		98
46) 1,1'-Biphenyl	13.15	154	1784294	39.531	ng		99
47) 2-Chloronaphthalene	13.18	162	1323542	39.859	ng		98
48) 2-Nitroaniline	13.40	65	377626	41.171	ng		97
49) Acenaphthylene	14.04	152	2005390	41.664	ng		99
50) Dimethylphthalate	13.78	163	1629764	42.116	ng		99
51) 2,6-Dinitrotoluene	13.90	165	358951	42.145	ng		93
52) Acenaphthene	14.38	154	1227444	40.616	ng		99
53) 3-Nitroaniline	14.23	138	390658	42.350	ng		93
54) 2,4-Dinitrophenol	14.44	184	183963	41.258	ng		98
55) Dibenzofuran	14.72	168	2012014	40.035	ng		99
56) 4-Nitrophenol	14.54	139	319774	40.511	ng		92
57) 2,4-Dinitrotoluene	14.69	165	489406	42.753	ng	#	96
58) Fluorene	15.37	166	1535540	41.280	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	437178	43.618	ng		96
60) Diethylphthalate	15.16	149	1672103	43.571	ng		99
61) 4-Chlorophenyl-phenylether	15.37	204	870558	41.051	ng		97
62) 4-Nitroaniline	15.40	138	414689	41.047	ng		94
63) Azobenzene	15.66	77	1597782	42.835	ng		98
65) 4,6-Dinitro-2-methylphenol	15.46	198	299698	40.446	ng		98
66) n-Nitrosodiphenylamine	15.59	169	1484438	41.165	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	545754	41.701	ng		95
68) Hexachlorobenzene	16.37	284	610076	40.131	ng		95
69) Atrazine	16.55	200	544093	42.157	ng		99
70) Pentachlorophenol	16.72	266	434953	41.766	ng		98
71) Phenanthrene	17.11	178	2574430	40.033	ng		99
72) Anthracene	17.20	178	2548417	41.706	ng		99
73) Carbazole	17.47	167	2615414	41.902	ng		100
74) Di-n-butylphthalate	18.04	149	2858538	43.421	ng		99
75) Fluoranthene	19.13	202	3046619	42.102	ng		98
77) Benzidine	19.32	184	1575564	44.525	ng		99
78) Pyrene	19.49	202	3246482	41.623	ng		100
80) Butylbenzylphthalate	20.41	149	1224568	42.266	ng		99
81) Benzo(a)anthracene	21.24	228	3232858	41.166	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	1276536	43.614	ng		97
83) Chrysene	21.30	228	3173230	40.823	ng		99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1908904	42.696	ng		100
85) Di-n-octyl phthalate	22.06	149	3175243	42.054	ng		100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3597892	41.383	ng		99
88) Benzo(b)fluoranthene	22.82	252	3174615	40.374	ng		99
89) Benzo(k)fluoranthene	22.86	252	3277563	41.541	ng		99
90) Benzo(a)pyrene	23.38	252	3067753	41.092	ng		99
91) Dibenzo(a,h)anthracene	25.71	278	3043697	41.058	ng		99
92) Benzo(g,h,i)perylene	26.37	276	3010823	40.979	ng		99

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

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