Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017247.D
Acq On : 20 Oct 2018 03:00
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 20 03:38:31 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	277835	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1285744	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	798463	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1825923	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1745357	20.00	ng	0.00
87) Perylene-d12	23.47	264	1534602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1276018	77.68	ng	0.00
7) Phenol-d6	6.85	99	1794379	80.20	ng	0.00
23) Nitrobenzene-d5	8.82	82	1890320	85.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	938643	86.93	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4758547	79.30	ng	0.00
79) Terphenyl-d14	19.70	244	7112073	91.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	297448	35.460	ng	# 87
3) Pyridine	3.65	79	753982	39.065	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	306194	39.518	ng	# 68
6) Aniline	7.01	93	1124595	40.188	ng	98
8) 2-Chlorophenol	7.23	128	777825	40.929	ng	97
9) Benzaldehyde	6.82	77	560329	39.280	ng	93
10) Phenol	6.87	94	941178	39.088	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	765730	39.893	ng	99
12) 1,3-Dichlorobenzene	7.56	146	870807	39.308	ng	97
13) 1,4-Dichlorobenzene	7.70	146	888971	39.276	ng	97
14) 1,2-Dichlorobenzene	8.02	146	856874	39.293	ng	98
15) Benzyl Alcohol	7.91	79	735898	45.000	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1043955	38.930	ng	99
17) 2-Methylphenol	8.11	107	648496	41.960	ng	95
18) Hexachloroethane	8.73	117	320786	41.414	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	657456	44.629	ng	99
20) 3+4-Methylphenols	8.44	107	904848	42.806	ng	98
22) Acetophenone	8.49	105	1268254	38.913	ng	# 97
24) Nitrobenzene	8.86	77	956488	41.132	ng	93
25) Isophorone	9.39	82	1524103	41.984	ng	98
26) 2-Nitrophenol	9.57	139	465397	43.385	ng	94
27) 2,4-Dimethylphenol	9.63	122	671732	41.847	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1041349	40.756	ng	100
29) 2,4-Dichlorophenol	10.09	162	804650	43.174	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	899464	40.231	ng	99
31) Naphthalene	10.49	128	2480561	39.368	ng	100
32) Benzoic acid	9.79	122	576264	48.114	ng	91
33) 4-Chloroaniline	10.61	127	1144080	42.042	ng	97
34) Hexachlorobutadiene	10.77	225	569094	40.173	ng	99
35) Caprolactam	11.42	113	281458	41.438	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	918337	43.713	ng	95
37) 2-Methylnaphthalene	12.11	142	1818870	42.184	ng	98
38) 1-Methylnaphthalene	12.33	142	1771208	42.206	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1113179	39.588	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	617775	45.445	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	707661	43.353	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	745600	42.596	ng	97
46) 1,1'-Biphenyl	13.14	154	2816217	39.194	ng	99
47) 2-Chloronaphthalene	13.17	162	2084619	39.436	ng	98
48) 2-Nitroaniline	13.39	65	624062	42.524	ng	98
49) Acenaphthylene	14.03	152	3151030	41.125	ng	100
50) Dimethylphthalate	13.78	163	2558412	41.531	ng	100
51) 2,6-Dinitrotoluene	13.90	165	574150	42.347	ng	98
52) Acenaphthene	14.37	154	1924779	40.009	ng	98
53) 3-Nitroaniline	14.23	138	610163	41.552	ng	94
54) 2,4-Dinitrophenol	14.43	184	310383	43.236	ng	96
55) Dibenzofuran	14.71	168	3130619	39.132	ng	98
56) 4-Nitrophenol	14.54	139	491726	39.293	ng	93
57) 2,4-Dinitrotoluene	14.69	165	798165	43.800	ng	97
58) Fluorene	15.36	166	2399024	40.513	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	700540	43.906	ng	98
60) Diethylphthalate	15.15	149	2638607	43.191	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1376370	40.771	ng	96
62) 4-Nitroaniline	15.40	138	635827	39.711	ng	95
63) Azobenzene	15.66	77	2484508	41.841	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	508604	44.051	ng	96
66) n-Nitrosodiphenylamine	15.58	169	2328874	42.157	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	868611	43.325	ng	95
68) Hexachlorobenzene	16.36	284	956937	41.090	ng	98
69) Atrazine	16.54	200	854667	43.227	ng	99
70) Pentachlorophenol	16.71	266	689235	43.203	ng	99
71) Phenanthrene	17.10	178	3895675	39.544	ng	100
72) Anthracene	17.19	178	3872781	41.373	ng	99
73) Carbazole	17.47	167	3857906	40.347	ng	100
74) Di-n-butylphthalate	18.04	149	4400066	43.629	ng	100
75) Fluoranthene	19.12	202	4356064	39.295	ng	99
77) Benzidine	19.32	184	2205835	49.842	ng	99
78) Pyrene	19.49	202	4536493	46.505	ng	100
80) Butylbenzylphthalate	20.40	149	1812253	48.698	ng	99
81) Benzo(a)anthracene	21.24	228	3979144	40.513	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1523923	41.630	ng	98
83) Chrysene	21.29	228	3803454	39.124	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	2491168	44.320	ng	100
85) Di-n-octyl phthalate	22.06	149	3747019	39.995	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3574625	32.875	ng	98
88) Benzo(b)fluoranthene	22.81	252	3410233	40.645	ng	99
89) Benzo(k)fluoranthene	22.85	252	3473095	41.253	ng	99
90) Benzo(a)pyrene	23.37	252	3176352	39.873	ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3021012	38.191	ng	98
92) Benzo(g,h,i)perylene	26.36	276	2939999	37.500	ng	99

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

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