Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017190.D
Acq On : 18 Oct 2018 13:26
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Oct 19 09:34:03 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	210102	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	888371	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	524629	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1232022	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1435231	20.00	ng	0.00
87) Perylene-d12	23.47	264	1469205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	966082	77.77	ng	0.00
7) Phenol-d6	6.85	99	1310074	77.43	ng	0.00
23) Nitrobenzene-d5	8.82	82	1308753	86.16	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	604767	85.24	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3159705	80.14	ng	0.00
79) Terphenyl-d14	19.70	244	5174090	81.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	231590	36.509	ng	# 86
3) Pyridine	3.65	79	573146	39.269	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	232333	39.652	ng	# 67
6) Aniline	7.01	93	816849	38.601	ng	96
8) 2-Chlorophenol	7.24	128	572285	39.822	ng	97
9) Benzaldehyde	6.83	77	397035	36.805	ng	94
10) Phenol	6.87	94	694443	38.139	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	542755	37.393	ng	96
12) 1,3-Dichlorobenzene	7.56	146	655399	39.122	ng	98
13) 1,4-Dichlorobenzene	7.70	146	664106	38.801	ng	99
14) 1,2-Dichlorobenzene	8.02	146	638191	38.700	ng	99
15) Benzyl Alcohol	7.92	79	510480	41.279	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	733443	36.168	ng	99
17) 2-Methylphenol	8.11	107	461224	39.464	ng	96
18) Hexachloroethane	8.73	117	233754	39.907	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	452636	40.631	ng	99
20) 3+4-Methylphenols	8.44	107	632825	39.589	ng	98
22) Acetophenone	8.49	105	895316	39.758	ng	99
24) Nitrobenzene	8.86	77	676425	42.100	ng	92
25) Isophorone	9.39	82	1038779	41.415	ng	97
26) 2-Nitrophenol	9.57	139	304534	41.390	ng	94
27) 2,4-Dimethylphenol	9.63	122	450930	40.658	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	701619	39.743	ng	99
29) 2,4-Dichlorophenol	10.10	162	547042	42.481	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	632566	40.949	ng	99
31) Naphthalene	10.50	128	1726543	39.658	ng	99
32) Benzoic acid	9.77	122	371710	44.918	ng	87
33) 4-Chloroaniline	10.61	127	767326	40.810	ng	95
34) Hexachlorobutadiene	10.77	225	399921	40.858	ng	99
35) Caprolactam	11.40	113	188908	40.253	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	618189	42.589	ng	95
37) 2-Methylnaphthalene	12.12	142	1214969	40.782	ng	98
38) 1-Methylnaphthalene	12.33	142	1183015	40.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	740718	40.092	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	409947	45.898	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	460264	42.914	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	488816	42.502	ng	98
46) 1,1'-Biphenyl	13.14	154	1881512	39.853	ng	99
47) 2-Chloronaphthalene	13.18	162	1378869	39.700	ng	99
48) 2-Nitroaniline	13.39	65	406260	42.185	ng	98
49) Acenaphthylene	14.03	152	2085852	41.432	ng	100
50) Dimethylphthalate	13.78	163	1668417	41.220	ng	99
51) 2,6-Dinitrotoluene	13.90	165	376169	42.226	ng	97
52) Acenaphthene	14.37	154	1267397	40.095	ng	98
53) 3-Nitroaniline	14.23	138	399343	41.390	ng	92
54) 2,4-Dinitrophenol	14.43	184	203294	43.125	ng	95
55) Dibenzofuran	14.72	168	2081493	39.598	ng	99
56) 4-Nitrophenol	14.54	139	328603	39.883	ng	93
57) 2,4-Dinitrotoluene	14.69	165	513809	42.913	ng	96
58) Fluorene	15.36	166	1584507	40.725	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	454040	43.310	ng	96
60) Diethylphthalate	15.15	149	1728693	43.067	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	898282	40.498	ng	96
62) 4-Nitroaniline	15.39	138	431088	40.825	ng	90
63) Azobenzene	15.66	77	1622364	41.583	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	324557	42.041	ng	95
66) n-Nitrosodiphenylamine	15.58	169	1533593	41.143	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	560561	41.438	ng	95
68) Hexachlorobenzene	16.36	284	625969	39.836	ng	95
69) Atrazine	16.54	200	558699	41.879	ng	98
70) Pentachlorophenol	16.71	266	453206	42.102	ng	99
71) Phenanthrene	17.10	178	2624092	39.477	ng	99
72) Anthracene	17.19	178	2587822	40.972	ng	99
73) Carbazole	17.47	167	2652954	41.120	ng	100
74) Di-n-butylphthalate	18.04	149	2922749	42.951	ng	99
75) Fluoranthene	19.12	202	3095967	41.391	ng	99
77) Benzidine	19.32	184	1699499	46.699	ng	98
78) Pyrene	19.49	202	3275223	40.830	ng	100
80) Butylbenzylphthalate	20.40	149	1331097	44.264	ng	98
81) Benzo(a)anthracene	21.24	228	3236096	40.067	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	1279974	42.522	ng	99
83) Chrysene	21.29	228	3162416	39.559	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1944933	42.348	ng	99
85) Di-n-octyl phthalate	22.05	149	3214029	41.479	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3596656	40.225	ng	98
88) Benzo(b)fluoranthene	22.80	252	3216698	40.045	ng	100
89) Benzo(k)fluoranthene	22.85	252	3217655	39.920	ng	99
90) Benzo(a)pyrene	23.37	252	3074122	40.307	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3044517	40.202	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3000343	39.973	ng	99

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

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