Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
Data File : BM017622.D
Acq On : 12 Nov 2018 20:44
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
11/13/2018 2:25:41 PM

Quant Time: Nov 13 03:46:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	245743	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1114396	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	646179	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1448663	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1467158	20.00	ng	0.00
87) Perylene-d12	23.41	264	1243544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1188742	81.64	ng	0.00
7) Phenol-d6	6.80	99	1690074	83.10	ng	0.00
23) Nitrobenzene-d5	8.77	82	1760107	81.54	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	790453	85.14	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4108239	82.48	ng	0.00
79) Terphenyl-d14	19.66	244	5411859	83.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	235895	38.898	ng	99
3) Pyridine	3.62	79	719464	40.445	ng	99
4) n-Nitrosodimethylamine	3.53	42	322066	41.101	ng	95
6) Aniline	6.96	93	1039034	41.199	ng	99
8) 2-Chlorophenol	7.19	128	723209	41.500	ng	99
9) Benzaldehyde	6.77	77	608943	41.104	ng	98
10) Phenol	6.83	94	881173	41.280	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	701842	41.649	ng	98
12) 1,3-Dichlorobenzene	7.50	146	796211	40.724	ng	97
13) 1,4-Dichlorobenzene	7.65	146	816161	40.726	ng	99
14) 1,2-Dichlorobenzene	7.96	146	786965	40.499	ng	98
15) Benzyl Alcohol	7.86	79	687431	42.445	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1041473	40.593	ng	99
17) 2-Methylphenol	8.06	107	599738	41.706	ng	99
18) Hexachloroethane	8.67	117	292279	41.381	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	614937	42.112	ng	99
20) 3+4-Methylphenols	8.39	107	839304	42.008	ng	100
22) Acetophenone	8.44	105	1135370	40.821	ng	99
24) Nitrobenzene	8.82	77	879231	40.145	ng	99
25) Isophorone	9.34	82	1401501	42.036	ng	100
26) 2-Nitrophenol	9.52	139	429394	42.565	ng	99
27) 2,4-Dimethylphenol	9.58	122	595779	40.978	ng	98
28) bis(2-Chloroethoxy)methane	9.82	93	929714	41.172	ng	99
29) 2,4-Dichlorophenol	10.05	162	710364	42.090	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	789892	40.241	ng	97
31) Naphthalene	10.44	128	2218641	40.492	ng	100
32) Benzoic acid	9.76	122	544100m	41.313	ng	
33) 4-Chloroaniline	10.56	127	992469	41.361	ng	98
34) Hexachlorobutadiene	10.72	225	487817	40.031	ng	99
35) Caprolactam	11.37	113	250187	40.254	ng	100
36) 4-Chloro-3-methylphenol	11.69	107	801733	41.145	ng	98
37) 2-Methylnaphthalene	12.06	142	1579223	40.781	ng	99
38) 1-Methylnaphthalene	12.28	142	1541210	40.590	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	945062	41.475	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	483247	41.043 ng	99
43) 2,4,6-Trichlorophenol	12.68	196	612046	42.883 ng	99
44) 2,4,5-Trichlorophenol	12.76	196	632155	41.948 ng	99
46) 1,1'-Biphenyl	13.09	154	2384512	41.111 ng	99
47) 2-Chloronaphthalene	13.13	162	1767251	41.050 ng	99
48) 2-Nitroaniline	13.34	65	567789	42.646 ng	99
49) Acenaphthylene	13.98	152	2683489	41.487 ng	100
50) Dimethylphthalate	13.73	163	2128885	40.522 ng	100
51) 2,6-Dinitrotoluene	13.86	165	485629	41.512 ng	99
52) Acenaphthene	14.33	154	1610766	40.577 ng	99
53) 3-Nitroaniline	14.19	138	512845	40.265 ng	100
54) 2,4-Dinitrophenol	14.40	184	249707	38.972 ng	98
55) Dibenzofuran	14.66	168	2649890	40.848 ng	98
56) 4-Nitrophenol	14.50	139	394754	39.544 ng	98
57) 2,4-Dinitrotoluene	14.64	165	672496	42.645 ng	98
58) Fluorene	15.32	166	2020116	40.677 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	580797	41.902 ng	99
60) Diethylphthalate	15.10	149	2246059	39.568 ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1128998	40.013 ng	97
62) 4-Nitroaniline	15.36	138	500706	41.712 ng	99
63) Azobenzene	15.61	77	2159125	41.145 ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	415292	41.382 ng	94
66) n-Nitrosodiphenylamine	15.54	169	1923690	41.302 ng	100
67) 4-Bromophenyl-phenylether	16.21	248	706715	41.248 ng	96
68) Hexachlorobenzene	16.32	284	788490	40.823 ng	97
69) Atrazine	16.50	200	715247	41.752 ng	97
70) Pentachlorophenol	16.67	266	556996	41.157 ng	98
71) Phenanthrene	17.06	178	3155747	40.145 ng	99
72) Anthracene	17.15	178	3158941	41.298 ng	100
73) Carbazole	17.43	167	3198445	41.380 ng	100
74) Di-n-butylphthalate	17.99	149	3619284	42.063 ng	100
75) Fluoranthene	19.08	202	3630204	40.816 ng	99
77) Benzidine	19.28	184	2048666	42.880 ng	100
78) Pyrene	19.44	202	3789916	41.866 ng	100
80) Butylbenzylphthalate	20.36	149	1602162	43.575 ng	98
81) Benzo(a)anthracene	21.20	228	3478491	41.153 ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1398735	42.877 ng	99
83) Chrysene	21.25	228	3339292	40.675 ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2296493	42.250 ng	100
85) Di-n-octyl phthalate	22.01	149	3636049	41.776 ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2679318	40.841 ng	100
88) Benzo(b)fluoranthene	22.76	252	2978023	40.892 ng	99
89) Benzo(k)fluoranthene	22.80	252	3020372	41.033 ng	100
90) Benzo(a)pyrene	23.31	252	2726789	41.065 ng	100
91) Dibenzo(a,h)anthracene	25.61	278	2290156	41.024 ng	100
92) Benzo(g,h,i)perylene	26.26	276	2132003	40.613 ng	100

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

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