Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112118\
Data File : BM017733.D
Acq On : 21 Nov 2018 16:21
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/23/2018 11:51:15 AM

Quant Time: Nov 23 03:10:26 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	7.60	152	238003	20.00	ng	-0.02
21) Naphthalene-d8	10.37	136	1102717	20.00	ng	-0.02
39) Acenaphthene-d10	14.24	164	702560	20.00	ng	-0.02
64) Phenanthrene-d10	17.00	188	1632417	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	1873904	20.00	ng	-0.01
87) Perylene-d12	23.39	264	1694209	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1129567	80.10	ng	-0.02
7) Phenol-d6	6.79	99	1652134	83.88	ng	-0.02
23) Nitrobenzene-d5	8.75	82	1822469	85.32	ng	-0.02
42) 2,4,6-Tribromophenol	15.74	330	896577	88.82	ng	-0.02
45) 2-Fluorobiphenyl	12.86	172	4480129	82.73	ng	-0.02
79) Terphenyl-d14	19.64	244	6546763	79.18	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	205766	35.033	ng	90
3) Pyridine	3.60	79	636075	36.920	ng	87
4) n-Nitrosodimethylamine	3.52	42	278739	36.728	ng	96
6) Aniline	6.95	93	1027749	42.077	ng	100
8) 2-Chlorophenol	7.17	128	713175	42.255	ng	95
9) Benzaldehyde	6.76	77	517952	36.099	ng	98
10) Phenol	6.82	94	874459	42.298	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	698404	42.793	ng	97
12) 1,3-Dichlorobenzene	7.49	146	785970	41.507	ng	98
13) 1,4-Dichlorobenzene	7.63	146	803892	41.418	ng	99
14) 1,2-Dichlorobenzene	7.94	146	789885	41.971	ng	99
15) Benzyl Alcohol	7.85	79	711263	45.345	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	818991	32.959	ng	90
17) 2-Methylphenol	8.05	107	605312	43.463	ng	99
18) Hexachloroethane	8.65	117	297892	43.547	ng	99
19) n-Nitroso-di-n-propylamine	8.41	70	652510	46.138	ng	95
20) 3+4-Methylphenols	8.37	107	852145	44.038	ng	99
22) Acetophenone	8.42	105	1181408	42.926	ng	95
24) Nitrobenzene	8.80	77	907198	41.861	ng	99
25) Isophorone	9.32	82	1475302	44.718	ng	100
26) 2-Nitrophenol	9.50	139	438126	43.890	ng	98
27) 2,4-Dimethylphenol	9.56	122	613845	42.668	ng	97
28) bis(2-Chloroethoxy)methane	9.80	93	978061	43.772	ng	99
29) 2,4-Dichlorophenol	10.02	162	724554	43.386	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	805066	41.448	ng	98
31) Naphthalene	10.42	128	2258981	41.665	ng	100
32) Benzoic acid	9.76	122	576898m	44.268	ng	
33) 4-Chloroaniline	10.54	127	1029680	43.366	ng	99
34) Hexachlorobutadiene	10.69	225	526858	43.693	ng	100
35) Caprolactam	11.36	113	276788m	45.006	ng	
36) 4-Chloro-3-methylphenol	11.67	107	856942	44.444	ng	98
37) 2-Methylnaphthalene	12.03	142	1677055	43.766	ng	99
38) 1-Methylnaphthalene	12.26	142	1639194	43.628	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	1008293	40.699	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	546297	42.674	ng	97
43) 2,4,6-Trichlorophenol	12.66	196	660556	42.568	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	687257	41.945	ng	97
46) 1,1'-Biphenyl	13.07	154	2597172	41.184	ng	100
47) 2-Chloronaphthalene	13.11	162	1930979	41.253	ng	100
48) 2-Nitroaniline	13.33	65	607898	41.995	ng	97
49) Acenaphthylene	13.96	152	2935580	41.742	ng	100
50) Dimethylphthalate	13.72	163	2403642	42.080	ng	99
51) 2,6-Dinitrotoluene	13.84	165	550800	43.304	ng	98
52) Acenaphthene	14.31	154	1779940	41.241	ng	99
53) 3-Nitroaniline	14.17	138	579663	41.859	ng	98
54) 2,4-Dinitrophenol	14.38	184	404943	54.627	ng	98
55) Dibenzofuran	14.64	168	2931901	41.569	ng	99
56) 4-Nitrophenol	14.49	139	457755	41.845	ng	98
57) 2,4-Dinitrotoluene	14.63	165	769875	44.902	ng	99
58) Fluorene	15.30	166	2296268	42.527	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	647328	42.954	ng	98
60) Diethylphthalate	15.09	149	2631995	42.645	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	1304091	42.509	ng	98
62) 4-Nitroaniline	15.34	138	577720	44.266	ng	98
63) Azobenzene	15.59	77	2508095	43.960	ng	97
65) 4,6-Dinitro-2-methylphenol	15.40	198	497512	43.994	ng	95
66) n-Nitrosodiphenylamine	15.52	169	2192451	41.774	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	816046	42.268	ng	96
68) Hexachlorobenzene	16.30	284	895549	41.147	ng	99
69) Atrazine	16.49	200	809930	41.957	ng	98
70) Pentachlorophenol	16.65	266	650288	42.642	ng	98
71) Phenanthrene	17.04	178	3698723	41.756	ng	100
72) Anthracene	17.13	178	3685879	42.762	ng	100
73) Carbazole	17.41	167	3773540	43.325	ng	100
74) Di-n-butylphthalate	17.98	149	4564479	47.077	ng	99
75) Fluoranthene	19.06	202	4252000	42.425	ng	99
77) Benzidine	19.27	184	2352169	38.546	ng	99
78) Pyrene	19.43	202	4477175	38.722	ng	100
80) Butylbenzylphthalate	20.34	149	2127001	45.293	ng	97
81) Benzo(a)anthracene	21.19	228	4482119	41.517	ng	99
82) 3,3'-Dichlorobenzidine	21.13	252	1818775	43.651	ng	99
83) Chrysene	21.24	228	4284071	40.857	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	3176785	45.759	ng	99
85) Di-n-octyl phthalate	21.99	149	5081337	45.710	ng	97
86) Indeno(1,2,3-cd)pyrene	25.57	276	3786569	45.190	ng	100
88) Benzo(b)fluoranthene	22.74	252	4052404	40.843	ng	100
89) Benzo(k)fluoranthene	22.78	252	4149940	41.382	ng	99
90) Benzo(a)pyrene	23.30	252	3783454	41.821	ng	99
91) Dibenzo(a,h)anthracene	25.58	278	3283900	43.177	ng	99
92) Benzo(g,h,i)perylene	26.23	276	3027518	42.331	ng	99

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

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