Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
Data File : BM024623.D
Acq On : 24 Jan 2020 16:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/28/2020 8:13:19 AM

Quant Time: Jan 24 17:22:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	285307	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1141550	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	807684	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1846115	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1663593	20.00	ng	0.00
87) Perylene-d12	23.16	264	1495702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1236701	82.43	ng	0.00
7) Phenol-d6	6.64	99	1690516	81.80	ng	0.00
23) Nitrobenzene-d5	8.59	82	1913130	82.19	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1059285	80.63	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4830392	81.31	ng	0.00
79) Terphenyl-d14	19.50	244	8580334	96.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	252843	42.606	ng	99
3) Pyridine	3.45	79	697898	40.567	ng	100
4) n-Nitrosodimethylamine	3.37	42	318357	41.690	ng	94
6) Aniline	6.79	93	1019024	40.504	ng	99
8) 2-Chlorophenol	7.02	128	699265	40.945	ng	97
9) Benzaldehyde	6.59	77	464520	38.040	ng	99
10) Phenol	6.67	94	840895	40.818	ng	100
11) bis(2-Chloroethyl)ether	6.89	93	678687	41.153	ng	99
12) 1,3-Dichlorobenzene	7.33	146	852681	40.641	ng	99
13) 1,4-Dichlorobenzene	7.47	146	862439	40.519	ng	99
14) 1,2-Dichlorobenzene	7.79	146	834528	40.619	ng	99
15) Benzyl Alcohol	7.69	79	698369	40.986	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.98	45	616671	40.845	ng	99
17) 2-Methylphenol	7.89	107	586147	40.376	ng	99
18) Hexachloroethane	8.50	117	334876	40.743	ng	98
19) n-Nitroso-di-n-propylamine	8.26	70	623139	40.159	ng	98
20) 3+4-Methylphenols	8.22	107	816968	40.654	ng	99
22) Acetophenone	8.26	105	1197740	40.691	ng	99
24) Nitrobenzene	8.63	77	919444	41.219	ng	99
25) Isophorone	9.16	82	1619896	40.957	ng	98
26) 2-Nitrophenol	9.33	139	423196	40.972	ng	97
27) 2,4-Dimethylphenol	9.41	122	575219	40.982	ng	97
28) bis(2-Chloroethoxy)methane	9.64	93	987072	40.854	ng	100
29) 2,4-Dichlorophenol	9.86	162	779930	41.129	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	932378	40.768	ng	99
31) Naphthalene	10.25	128	2360411	40.939	ng	100
32) Benzoic acid	9.59	122	546762m	42.584	ng	
33) 4-Chloroaniline	10.37	127	1050332	41.560	ng	99
34) Hexachlorobutadiene	10.56	225	648579	41.023	ng	99
35) Caprolactam	11.16	113	250494m	41.173	ng	
36) 4-Chloro-3-methylphenol	11.51	107	827581	41.042	ng	98
37) 2-Methylnaphthalene	11.87	142	1823929	40.992	ng	100
38) 1-Methylnaphthalene	12.10	142	1723473	40.720	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1179988	40.934	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	678045	41.964 ng	99
43) 2,4,6-Trichlorophenol	12.51	196	744143	40.566 ng	98
44) 2,4,5-Trichlorophenol	12.58	196	768526	41.023 ng	99
46) 1,1'-Biphenyl	12.92	154	2481043	40.591 ng	100
47) 2-Chloronaphthalene	12.95	162	2009967	40.733 ng	99
48) 2-Nitroaniline	13.16	65	620721	41.244 ng	100
49) Acenaphthylene	13.81	152	3009040	40.734 ng	100
50) Dimethylphthalate	13.57	163	2620370	40.121 ng	100
51) 2,6-Dinitrotoluene	13.67	165	563148	40.556 ng	99
52) Acenaphthene	14.16	154	1850460	40.369 ng	99
53) 3-Nitroaniline	14.00	138	580773	40.326 ng	98
54) 2,4-Dinitrophenol	14.21	184	331021	39.865 ng	98
55) Dibenzofuran	14.50	168	3017926	40.370 ng	99
56) 4-Nitrophenol	14.33	139	455223	40.436 ng	99
57) 2,4-Dinitrotoluene	14.47	165	804813	40.441 ng	100
58) Fluorene	15.15	166	2522741	40.156 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	767424	40.395 ng	100
60) Diethylphthalate	14.95	149	2658419	40.093 ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	1449744	40.026 ng	99
62) 4-Nitroaniline	15.17	138	643941	40.507 ng	98
63) Azobenzene	15.44	77	2304716	40.749 ng	97
65) 4,6-Dinitro-2-methylphenol	15.24	198	443418	40.850 ng	98
66) n-Nitrosodiphenylamine	15.37	169	2194199	41.377 ng	99
67) 4-Bromophenyl-phenylether	16.05	248	932000	40.596 ng	98
68) Hexachlorobenzene	16.16	284	1074073	40.769 ng	99
69) Atrazine	16.34	200	832194	40.883 ng	98
70) Pentachlorophenol	16.50	266	656622	40.918 ng	98
71) Phenanthrene	16.89	178	4088044	40.893 ng	99
72) Anthracene	16.97	178	3977186	40.659 ng	99
73) Carbazole	17.25	167	3604566	40.479 ng	99
74) Di-n-butylphthalate	17.84	149	4590781	40.327 ng	100
75) Fluoranthene	18.91	202	4937656	39.573 ng	99
77) Benzidine	19.10	184	1921182	49.588 ng	99
78) Pyrene	19.27	202	5026399	45.832 ng	100
80) Butylbenzylphthalate	20.22	149	1973664	42.888 ng	100
81) Benzo(a)anthracene	21.04	228	4742919	41.077 ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	1658523	39.931 ng	100
83) Chrysene	21.09	228	4526743	41.087 ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2732165	40.237 ng	100
85) Di-n-octyl phthalate	21.86	149	4099997	36.548 ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	3992095	33.244 ng	98
88) Benzo(b)fluoranthene	22.54	252	4246820	43.778 ng	99
89) Benzo(k)fluoranthene	22.59	252	3900324	41.191 ng	98
90) Benzo(a)pyrene	23.07	252	3643391	41.310 ng	99
91) Dibenzo(a,h)anthracene	25.24	278	3339954	39.899 ng	100
92) Benzo(g,h,i)perylene	25.86	276	3109301	40.906 ng	99

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

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