Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026666.D
Acq On : 06 Jul 2020 15:55
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Jul 06 18:35:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 18:20:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	87654	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	374194	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	243675	20.00	ng	0.00
64) Phenanthrene-d10	16.76	188	542611	20.00	ng	0.00
76) Chrysene-d12	20.97	240	637830	20.00	ng	0.00
86) Perylene-d12	23.04	264	594306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	527580	99.43	ng	0.00
7) Phenol-d6	6.55	99	846318	102.56	ng	0.00
23) Nitrobenzene-d5	8.49	82	910603	103.16	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	372757	105.88	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1889847	102.76	ng	0.00
79) Terphenyl-d14	19.42	244	3383041	100.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	123023	48.589	ng	96
3) Pyridine	3.33	79	370330m	50.542	ng	
4) n-Nitrosodimethylamine	3.25	42	209361	50.279	ng	98
6) Aniline	6.68	93	512828	50.452	ng	98
8) 2-Chlorophenol	6.90	128	311778	50.492	ng	98
9) Benzaldehyde	6.49	77	204930	45.454	ng	99
10) Phenol	6.57	94	418128	51.169	ng	99
11) bis(2-Chloroethyl)ether	6.79	93	338985	50.003	ng	100
12) 1,3-Dichlorobenzene	7.22	146	335247	49.467	ng	97
13) 1,4-Dichlorobenzene	7.37	146	340517	49.336	ng	99
14) 1,2-Dichlorobenzene	7.68	146	342350	50.064	ng	99
15) Benzyl Alcohol	7.59	79	357327	50.777	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.88	45	679512	48.823	ng	100
17) 2-Methylphenol	7.80	107	311310	50.849	ng	99
18) Hexachloroethane	8.38	117	136180	49.918	ng	99
19) n-Nitroso-di-n-propylamine	8.15	70	341906	50.401	ng	98
20) 3+4-Methylphenols	8.13	107	436873	51.407	ng	96
22) Acetophenone	8.16	105	553804	51.911	ng	98
24) Nitrobenzene	8.53	77	471838	51.385	ng	96
25) Isophorone	9.05	82	862218	51.414	ng	99
26) 2-Nitrophenol	9.23	139	186568	53.730	ng	95
27) 2,4-Dimethylphenol	9.31	122	284667	51.523	ng	100
28) bis(2-Chloroethoxy)methane	9.54	93	470219	50.863	ng	100
29) 2,4-Dichlorophenol	9.76	162	320273	52.533	ng	99
30) 1,2,4-Trichlorobenzene	9.96	180	348345	51.019	ng	99
31) Naphthalene	10.14	128	1063278	51.011	ng	100
32) Benzoic acid	9.51	122	237646	55.647	ng	95
33) 4-Chloroaniline	10.27	127	470713	51.920	ng	99
34) Hexachlorobutadiene	10.43	225	225141	49.711	ng	98
35) Caprolactam	11.08	113	115806m	54.128	ng	
36) 4-Chloro-3-methylphenol	11.42	107	399253	52.458	ng	99
37) 2-Methylnaphthalene	11.76	142	782348	51.058	ng	99
38) 1-Methylnaphthalene	11.99	142	742385	50.738	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	413642	51.915	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	210921	54.513 ng	100
43) 2,4,6-Trichlorophenol	12.41	196	275972	52.878 ng	99
44) 2,4,5-Trichlorophenol	12.48	196	321477	52.850 ng	98
46) 1,1'-Biphenyl	12.82	154	995096	51.243 ng	99
47) 2-Chloronaphthalene	12.85	162	798739	51.205 ng	99
48) 2-Nitroaniline	13.07	65	343688	53.966 ng	98
49) Acenaphthylene	13.71	152	1292938	51.901 ng	99
50) Dimethylphthalate	13.48	163	1052655	51.047 ng	100
51) 2,6-Dinitrotoluene	13.60	165	231762	52.058 ng	94
52) Acenaphthene	14.06	154	772494	51.122 ng	99
53) 3-Nitroaniline	13.93	138	252066	54.195 ng	95
54) 2,4-Dinitrophenol	14.15	184	147959	55.323 ng	98
55) Dibenzofuran	14.40	168	1265512	51.389 ng	99
56) 4-Nitrophenol	14.26	139	194916	53.996 ng	95
57) 2,4-Dinitrotoluene	14.40	165	339779	53.696 ng	98
58) Fluorene	15.06	166	1049678	51.633 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.65	232	277882	52.582 ng	99
60) Diethylphthalate	14.86	149	1115842	51.394 ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	564948	51.211 ng	100
62) 4-Nitroaniline	15.10	138	269532m	57.362 ng	
63) Azobenzene	15.36	77	1237374	51.987 ng	99
65) 4,6-Dinitro-2-methylphenol	15.17	198	204272	53.878 ng	97
66) n-Nitrosodiphenylamine	15.29	169	909177	52.011 ng	99
67) 4-Bromophenyl-phenylether	15.96	248	348363	51.478 ng	98
68) Hexachlorobenzene	16.07	284	364980	51.508 ng	100
69) Atrazine	16.26	200	269173	51.814 ng	98
70) Pentachlorophenol	16.42	266	217472	53.085 ng	98
71) Phenanthrene	16.80	178	1648658	51.397 ng	100
72) Anthracene	16.89	178	1664020	52.085 ng	100
73) Carbazole	17.17	167	1590377	52.715 ng	99
74) Di-n-butylphthalate	17.76	149	2013350	53.358 ng	99
75) Fluoranthene	18.83	202	2019959	52.095 ng	99
77) Benzidine	19.03	184	616643	52.327 ng	100
78) Pyrene	19.19	202	2113818	50.707 ng	100
80) Butylbenzylphthalate	20.13	149	968866	52.671 ng	100
81) Benzo(a)anthracene	20.96	228	2173721	50.563 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	689538	51.404 ng	99
83) Chrysene	21.01	228	2104730	50.683 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1505099	52.747 ng	99
85) Di-n-octyl phthalate	21.77	149	2525659	53.263 ng	99
87) Indeno(1,2,3-cd)pyrene	25.06	276	1896631	48.055 ng	99
88) Benzo(b)fluoranthene	22.44	252	2109271	52.176 ng	99
89) Benzo(k)fluoranthene	22.49	252	1995046	50.370 ng	100
90) Benzo(a)pyrene	22.96	252	1879608	51.587 ng	99
91) Dibenzo(a,h)anthracene	25.07	278	1612092	48.339 ng	100
92) Benzo(g,h,i)perylene	25.67	276	1445480	47.066 ng	100

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

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