Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040154.D
Acq On : 08 Jun 2023 12:18
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jun 08 23:11:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	259613	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1139290	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	659202	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1322804	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1354862	20.000	ng	0.00
86) Perylene-d12	23.986	264	1389105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1434335	82.495	ng	0.00
7) Phenol-d6	7.146	99	2010222	84.730	ng	0.00
23) Nitrobenzene-d5	9.157	82	1788141	84.951	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	816022	82.276	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4193312	84.077	ng	0.00
79) Terphenyl-d14	19.986	244	6986331	95.055	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	275438	39.893	ng	100
3) Pyridine	3.805	79	835377	42.204	ng	100
4) n-Nitrosodimethylamine	3.716	42	334776	41.695	ng	100
6) Aniline	7.316	93	1204493	41.948	ng	100
8) 2-Chlorophenol	7.551	128	754143	41.023	ng	100
9) Benzaldehyde	7.122	77	511278	40.530	ng	100
10) Phenol	7.175	94	976277	41.841	ng	100
11) bis(2-Chloroethyl)ether	7.410	93	761086	40.475	ng	100
12) 1,3-Dichlorobenzene	7.881	146	736354	39.844	ng	100
13) 1,4-Dichlorobenzene	8.028	146	753587	39.907	ng	100
14) 1,2-Dichlorobenzene	8.345	146	747393	40.217	ng	100
15) Benzyl Alcohol	8.234	79	663184	42.356	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.522	45	983277	41.017	ng	100
17) 2-Methylphenol	8.434	107	704558	42.378	ng	100
18) Hexachloroethane	9.081	117	274649	40.620	ng	100
19) n-Nitroso-di-n-propyla...	8.804	70	630536	43.743	ng	100
20) 3+4-Methylphenols	8.763	107	964692	42.504	ng	100
22) Acetophenone	8.816	105	1251781	42.073	ng	100
24) Nitrobenzene	9.204	77	905891	41.812	ng	100
25) Isophorone	9.728	82	1713473	43.108	ng	100
26) 2-Nitrophenol	9.916	139	379006	42.100	ng	100
27) 2,4-Dimethylphenol	9.975	122	743483	42.210	ng	100
28) bis(2-Chloroethoxy)met...	10.210	93	1055867	41.148	ng	100
29) 2,4-Dichlorophenol	10.445	162	677042	41.908	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	653926	39.959	ng	100
31) Naphthalene	10.857	128	2513156	40.954	ng	100
32) Benzoic acid	10.104	122	498851	38.599	ng	100
33) 4-Chloroaniline	10.963	127	1139073	41.679	ng	100
34) Hexachlorobutadiene	11.139	225	339634	39.566	ng	100
35) Caprolactam	11.751	113	242533	43.715	ng	100
36) 4-Chloro-3-methylphenol	12.081	107	806133	42.969	ng	100
37) 2-Methylnaphthalene	12.463	142	1750853	41.260	ng	100
38) 1-Methylnaphthalene	12.680	142	1657280	41.414	ng	100
40) 1,2,4,5-Tetrachloroben...	12.828	216	707383	40.477	ng	100
41) Hexachlorocyclopentadiene	12.810	237	377593	41.435	ng	100
43) 2,4,6-Trichlorophenol	13.063	196	500722	41.772	ng	100

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44) 2,4,5-Trichlorophenol	13.133	196	607076	41.956	ng	100
46) 1,1'-Biphenyl	13.469	154	2183804	41.315	ng	100
47) 2-Chloronaphthalene	13.510	162	1617596	41.195	ng	100
48) 2-Nitroaniline	13.710	65	531993	45.185	ng	100
49) Acenaphthylene	14.351	152	2758541	42.371	ng	100
50) Dimethylphthalate	14.086	163	2117605	41.187	ng	100
51) 2,6-Dinitrotoluene	14.204	165	433395	42.059	ng	100
52) Acenaphthene	14.692	154	1661203	41.370	ng	100
53) 3-Nitroaniline	14.533	138	556202	43.263	ng	100
54) 2,4-Dinitrophenol	14.733	184	215022	37.414	ng	100
55) Dibenzofuran	15.027	168	2601847	41.421	ng	100
56) 4-Nitrophenol	14.833	139	450298	43.245	ng	100
57) 2,4-Dinitrotoluene	14.986	165	583520	42.432	ng	100
58) Fluorene	15.674	166	2263470	43.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	468909	41.446	ng	100
60) Diethylphthalate	15.445	149	2203620	42.242	ng	100
61) 4-Chlorophenyl-phenyle...	15.669	204	1049107	42.687	ng	100
62) 4-Nitroaniline	15.698	138	612649	44.735	ng	100
63) Azobenzene	15.957	77	2272338	44.802	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	298916	40.287	ng	100
66) n-Nitrosodiphenylamine	15.880	169	1833789	42.325	ng	100
67) 4-Bromophenyl-phenylether	16.563	248	545174	41.035	ng	100
68) Hexachlorobenzene	16.674	284	631463	41.443	ng	100
69) Atrazine	16.827	200	503623	42.533	ng	100
70) Pentachlorophenol	17.015	266	451354	40.354	ng	100
71) Phenanthrene	17.415	178	3215872	41.724	ng	100
72) Anthracene	17.504	178	3285437	42.727	ng	100
73) Carbazole	17.774	167	3142771	42.850	ng	100
74) Di-n-butylphthalate	18.339	149	3635786	44.201	ng	100
75) Fluoranthene	19.427	202	3473763	42.471	ng	100
77) Benzidine	19.609	184	1150097	46.959	ng	100
78) Pyrene	19.786	202	3714876	41.119	ng	100
80) Butylbenzylphthalate	20.680	149	1606054	43.982	ng	100
81) Benzo(a)anthracene	21.533	228	3916200	42.387	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1372692	44.705	ng	100
83) Chrysene	21.586	228	3713941	42.434	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2495404	46.274	ng	100
85) Di-n-octyl phthalate	22.392	149	3979538	45.444	ng	100
87) Indeno(1,2,3-cd)pyrene	26.532	276	4635226	44.503	ng	100
88) Benzo(b)fluoranthene	23.244	252	3612776	42.943	ng	100
89) Benzo(k)fluoranthene	23.292	252	3784304	43.038	ng	100
90) Benzo(a)pyrene	23.880	252	3448199	42.918	ng	100
91) Dibenzo(a,h)anthracene	26.544	278	4035352	44.880	ng	100
92) Benzo(g,h,i)perylene	27.309	276	3389262	43.882	ng	100

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

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